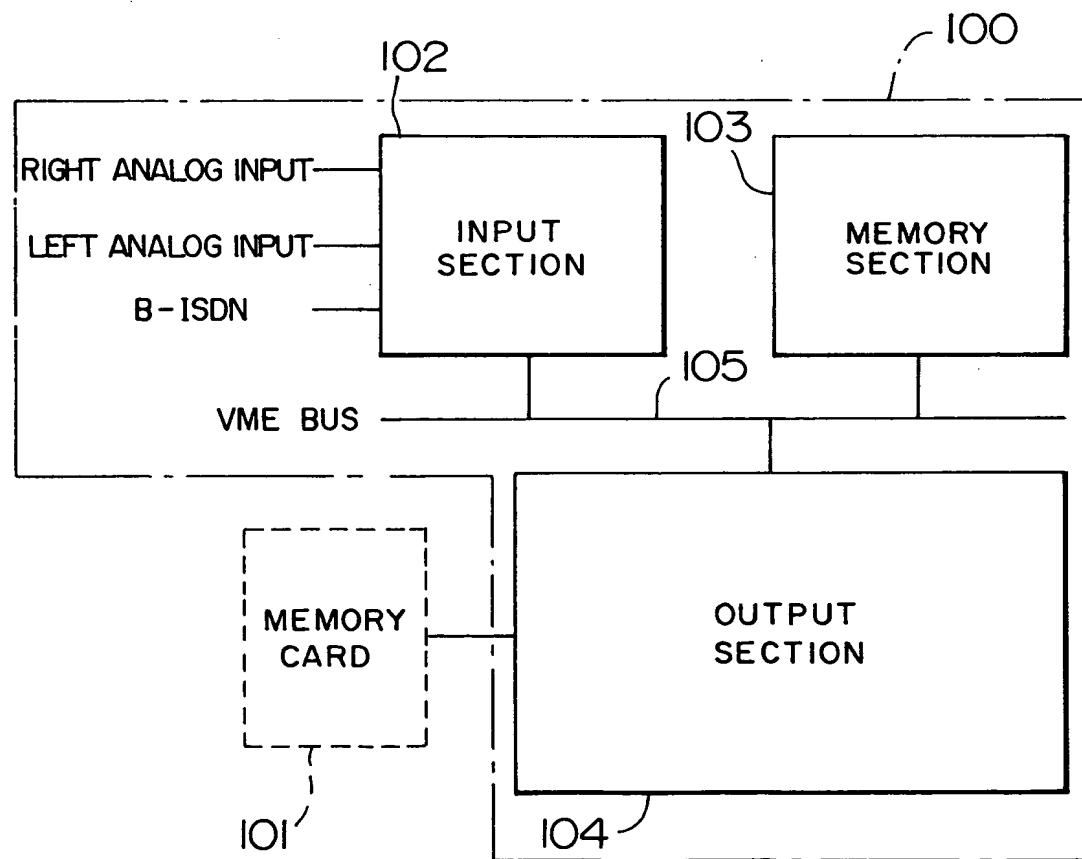


APPROVED	DATE	CLASS	SUBCLASS
BY			
DRAFTER			

J1033 U.S. PTO
09/886368
06/22/01

FIG. 1



APPROVED	102. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

FIG. 2

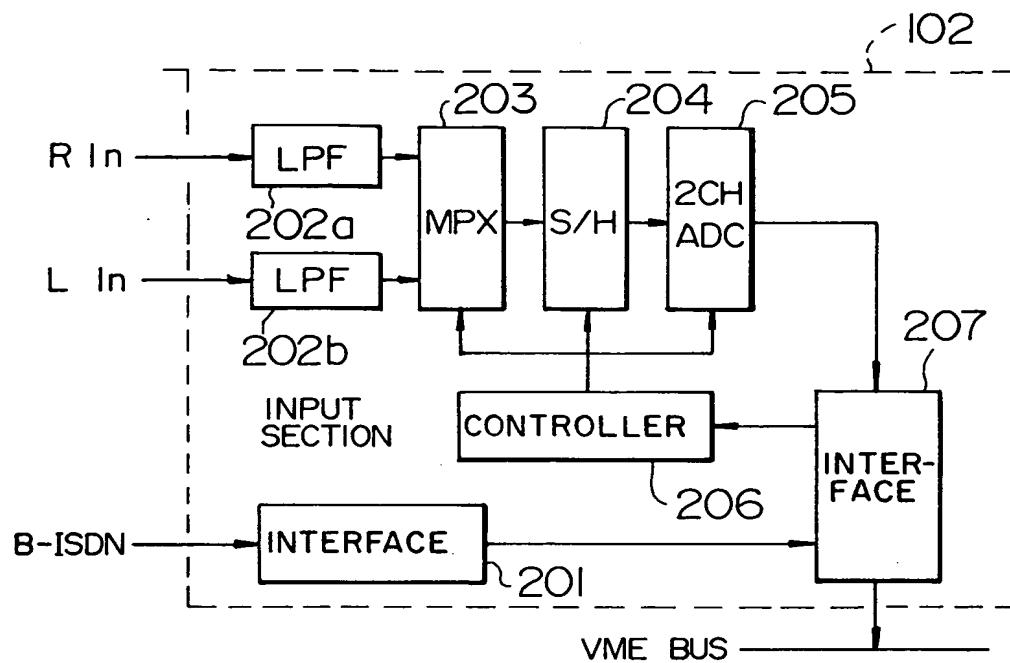


FIG. 3

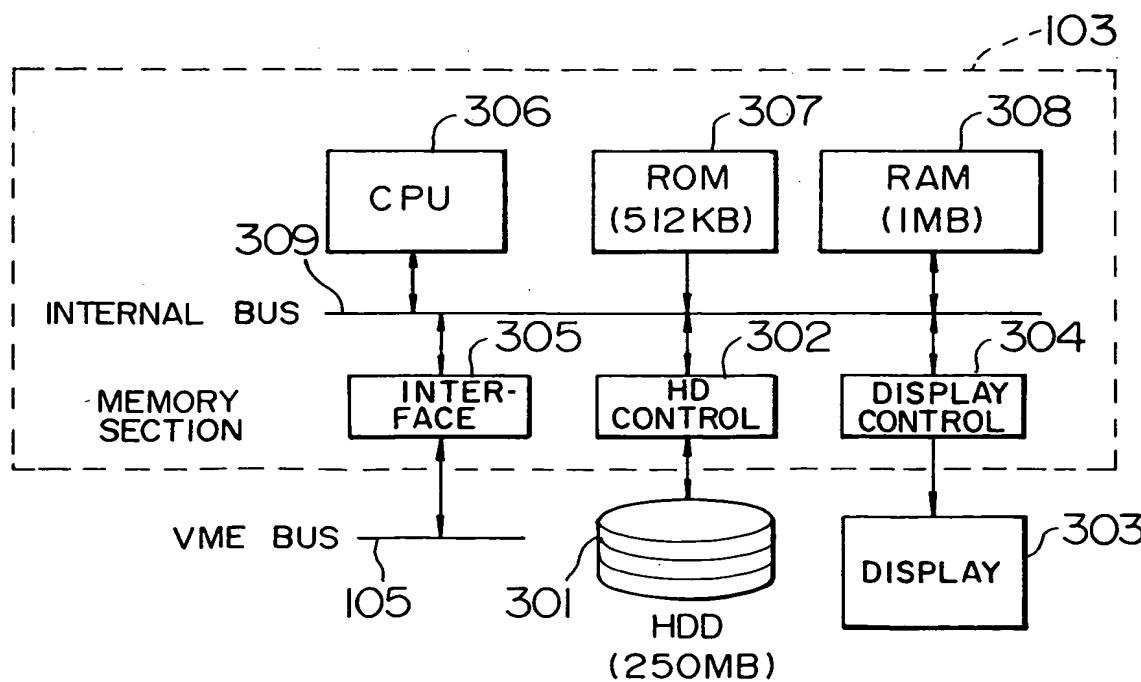


FIG. 4

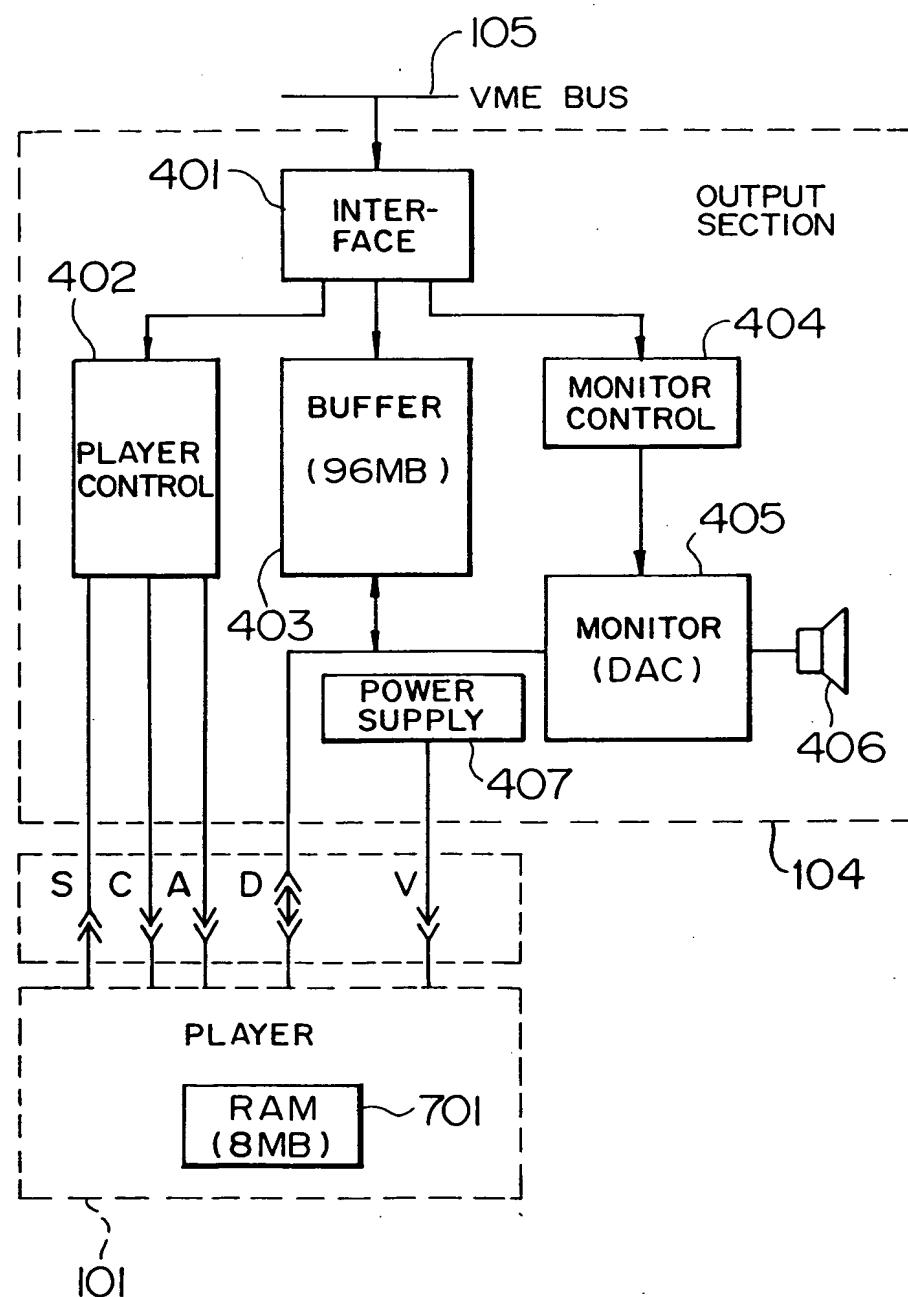
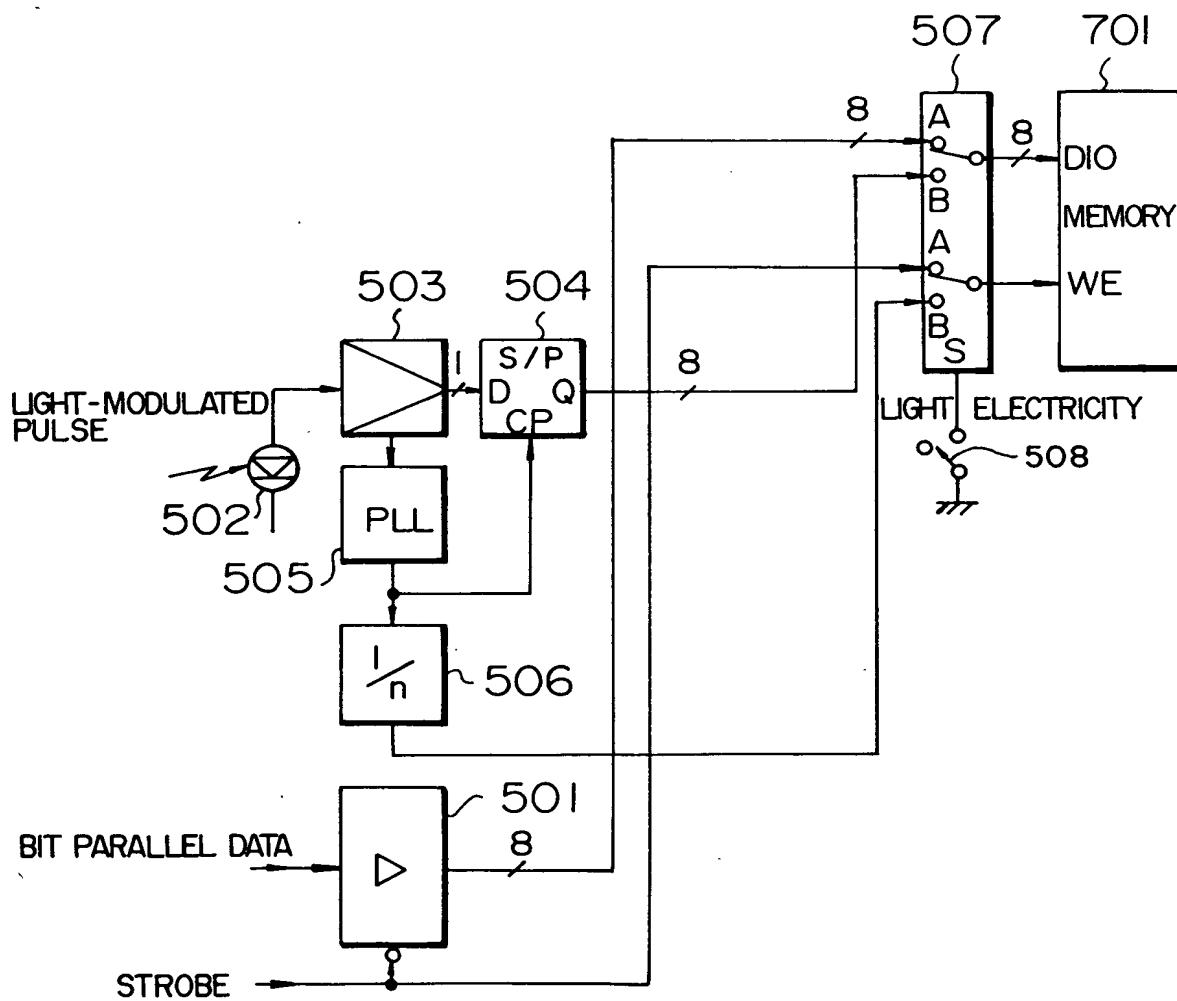
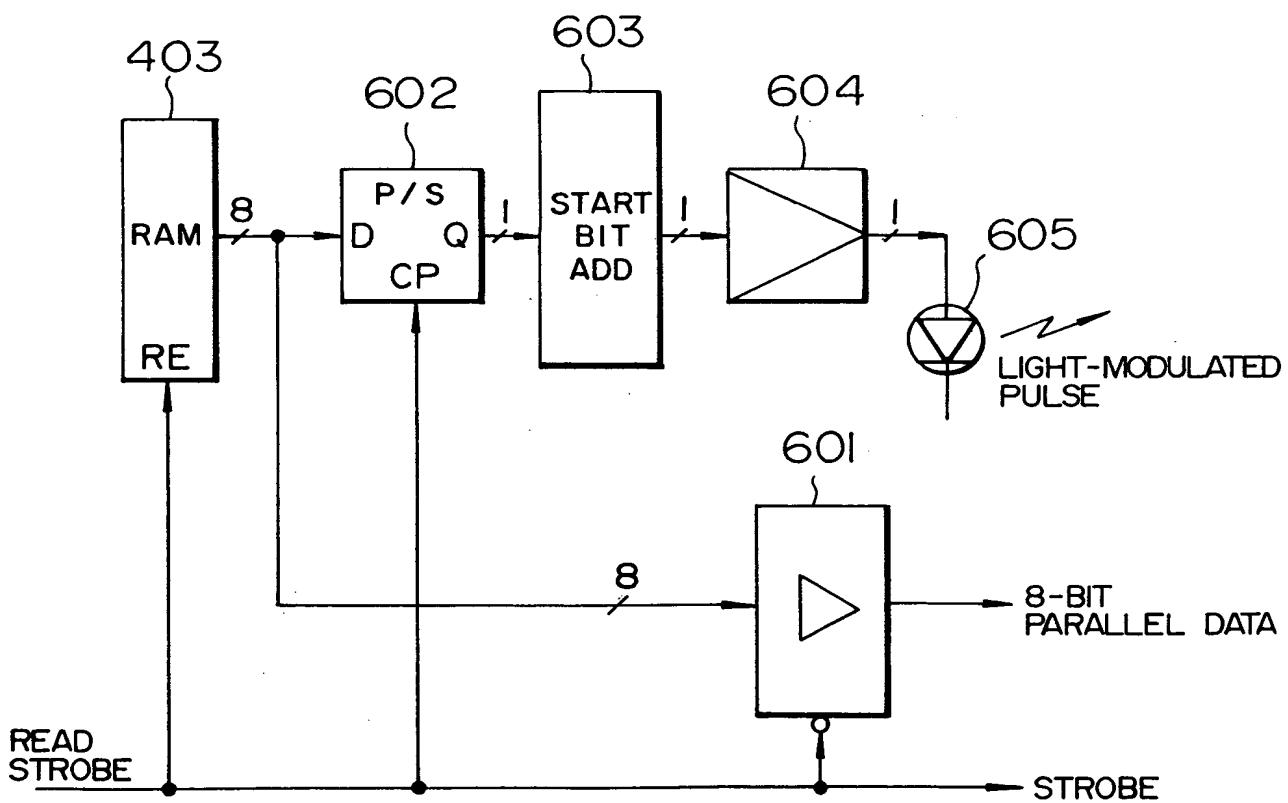


FIG. 5



APPROVED	10-12-75
BY	CLAS
DRAFTSMAN	SUBCLASS

FIG. 6



00000000000000000000000000000000

FIG. 7

00000000000000000000000000000000

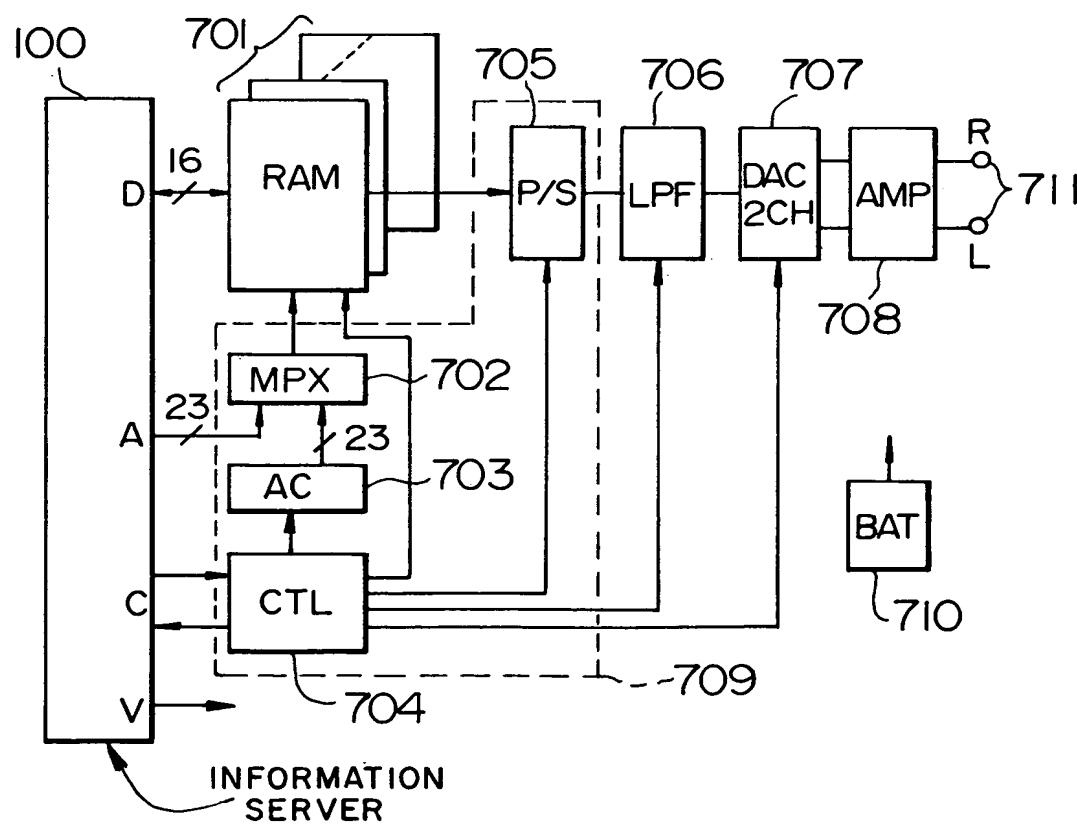


FIG. 8

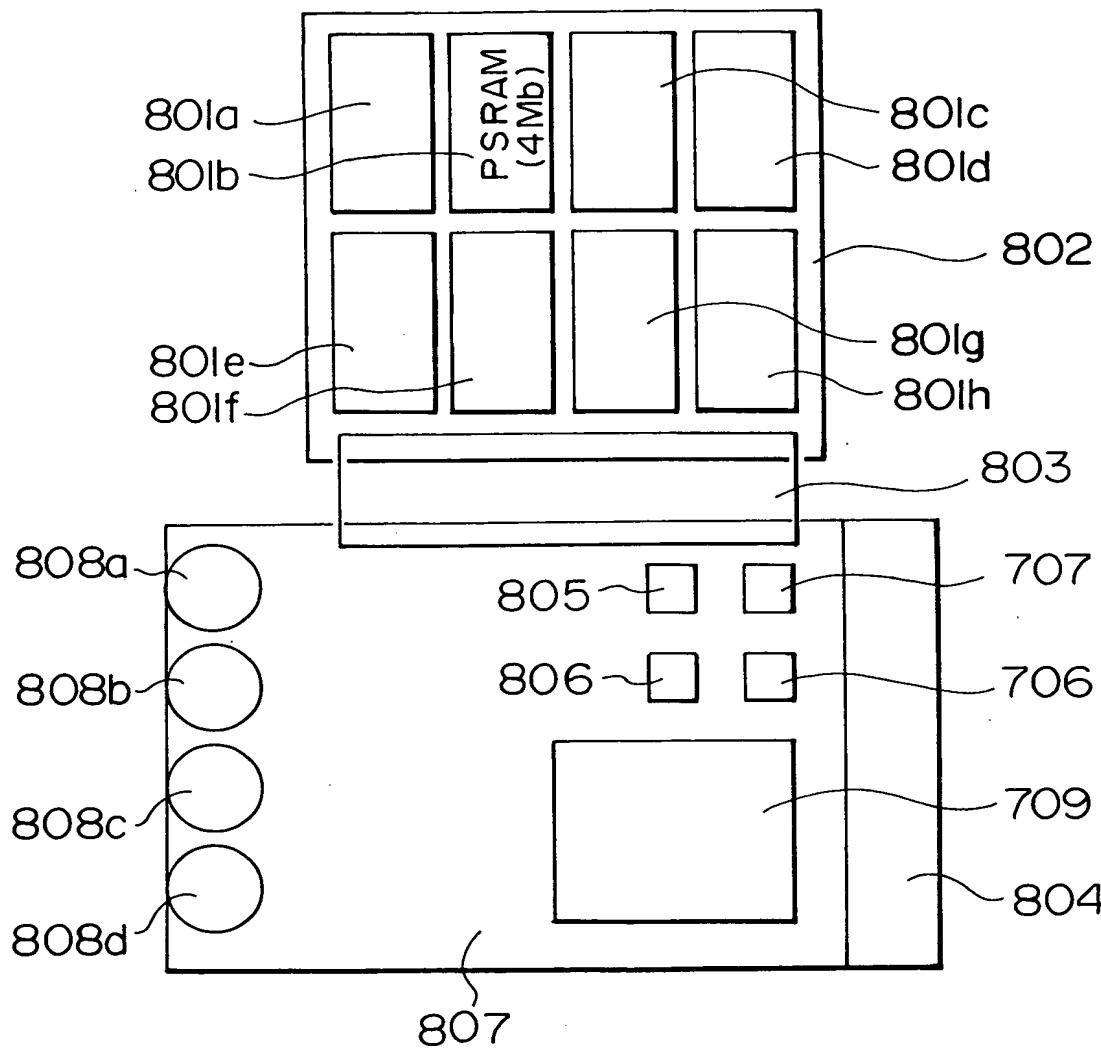
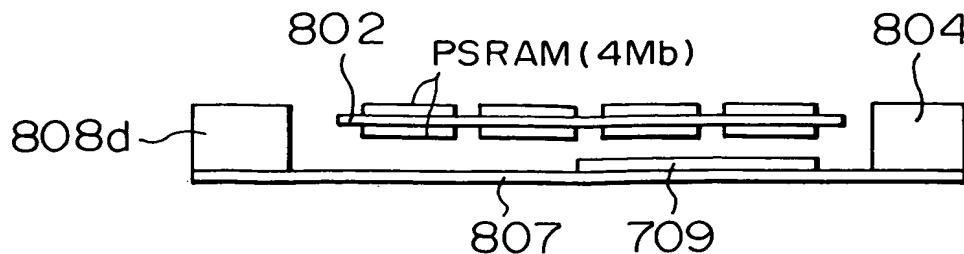


FIG. 9



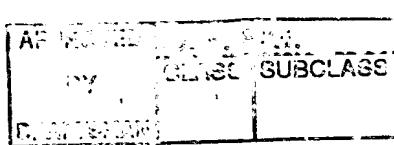


FIG.10

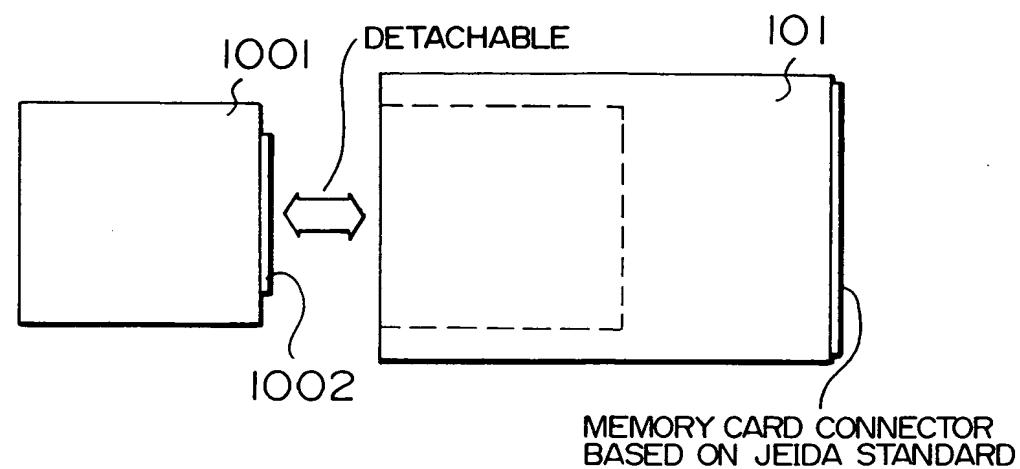
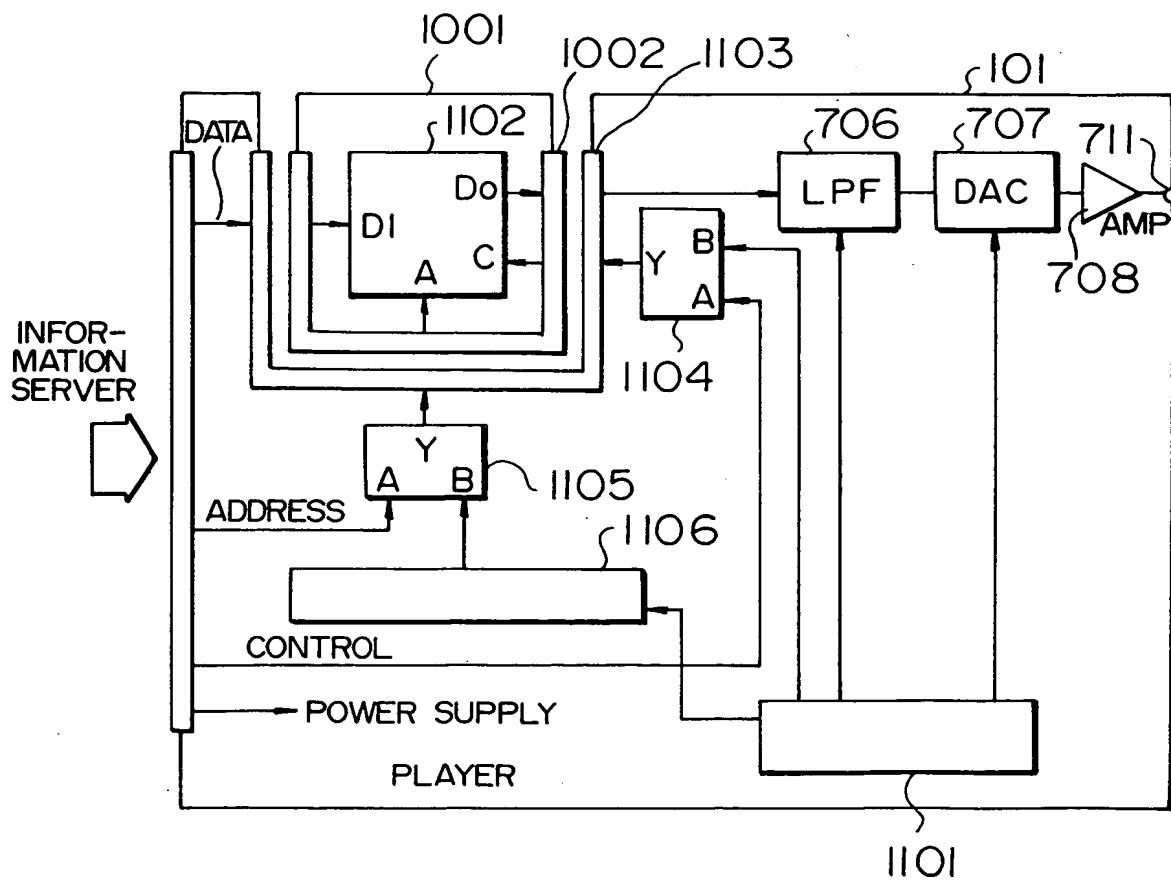


FIG.11



APPLICANT	100-1000
BY	CLASS
DRAFTSMAN	SUBCLASS

FIG.12

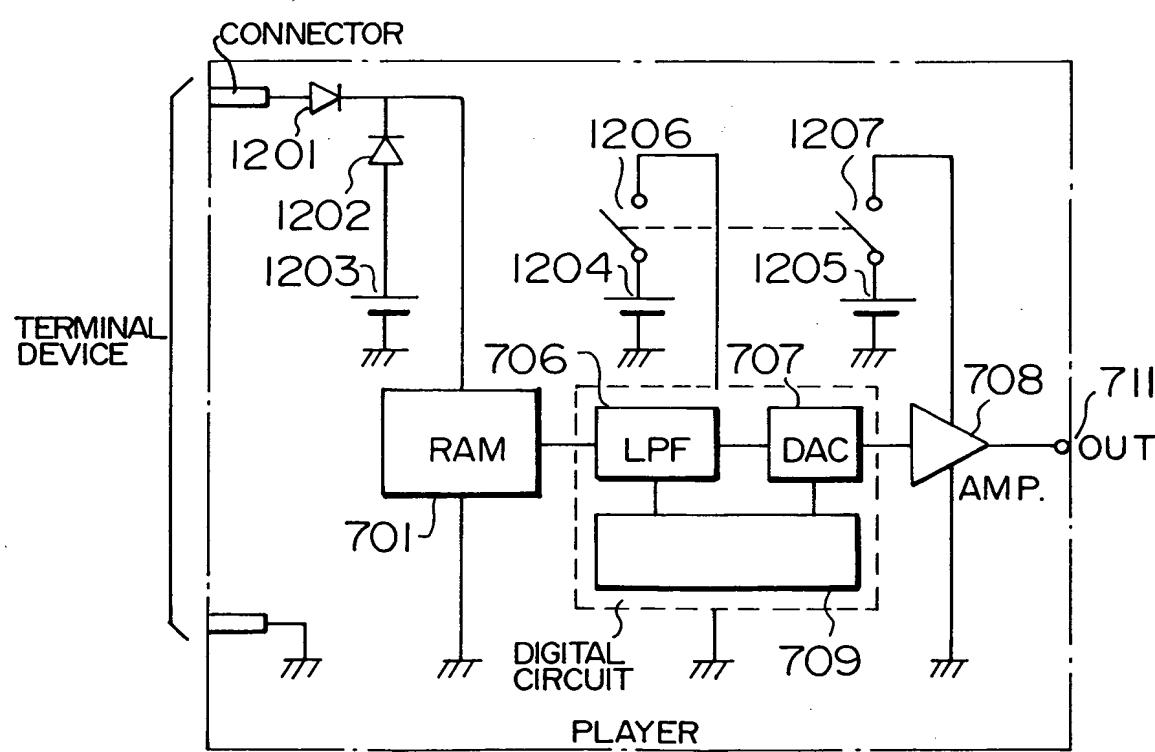


FIG. 13

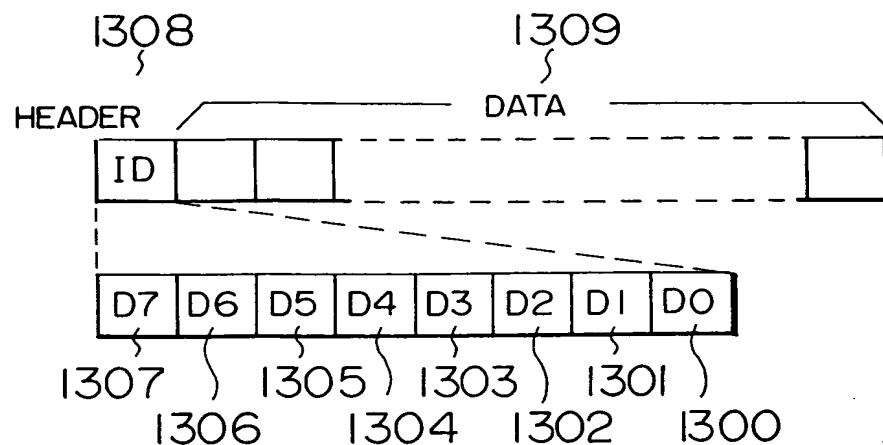
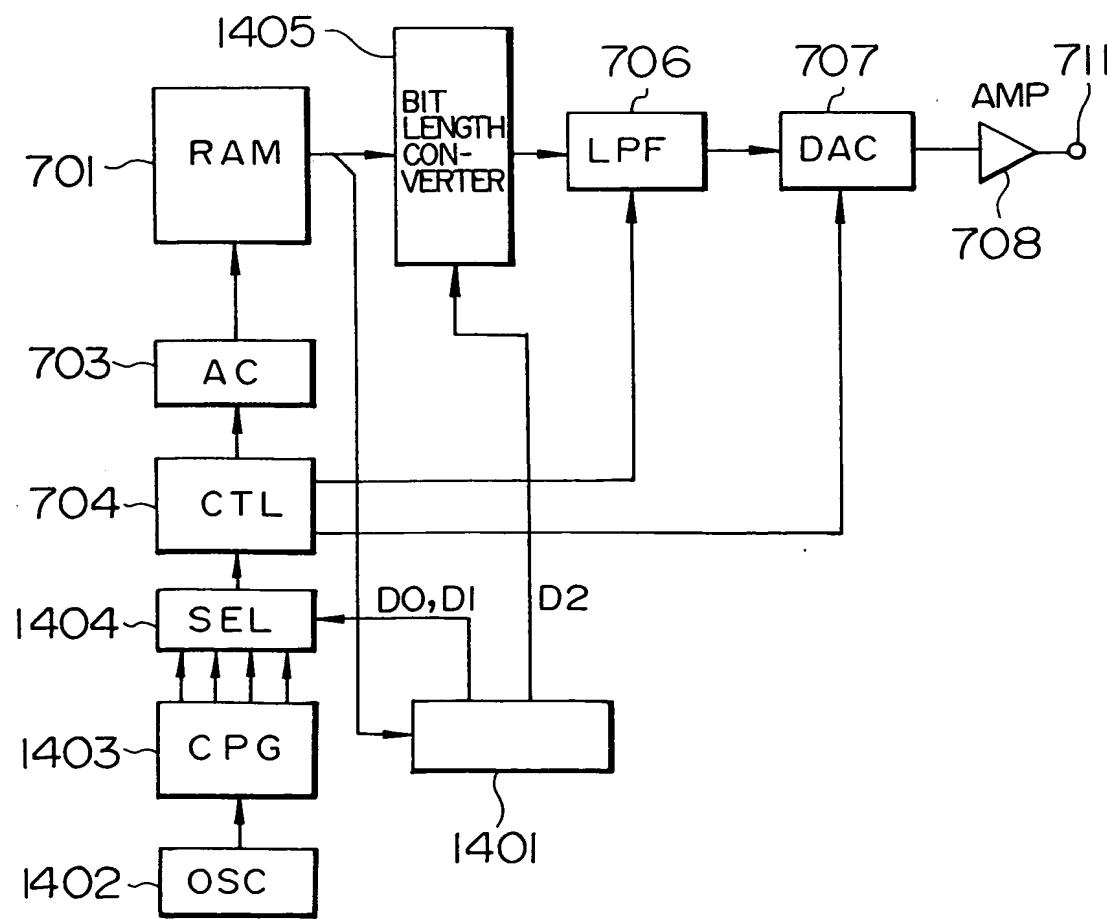


FIG. 14



09886366 09886366

FIG.15

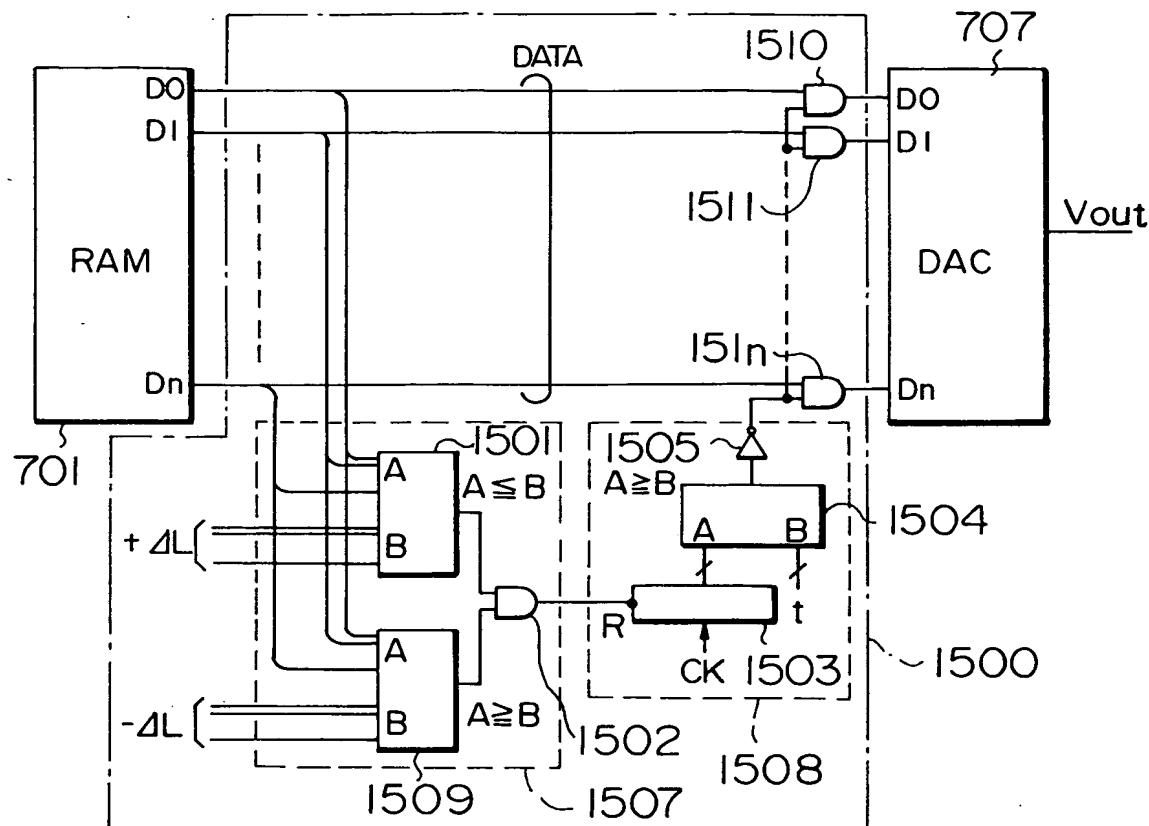


FIG.16

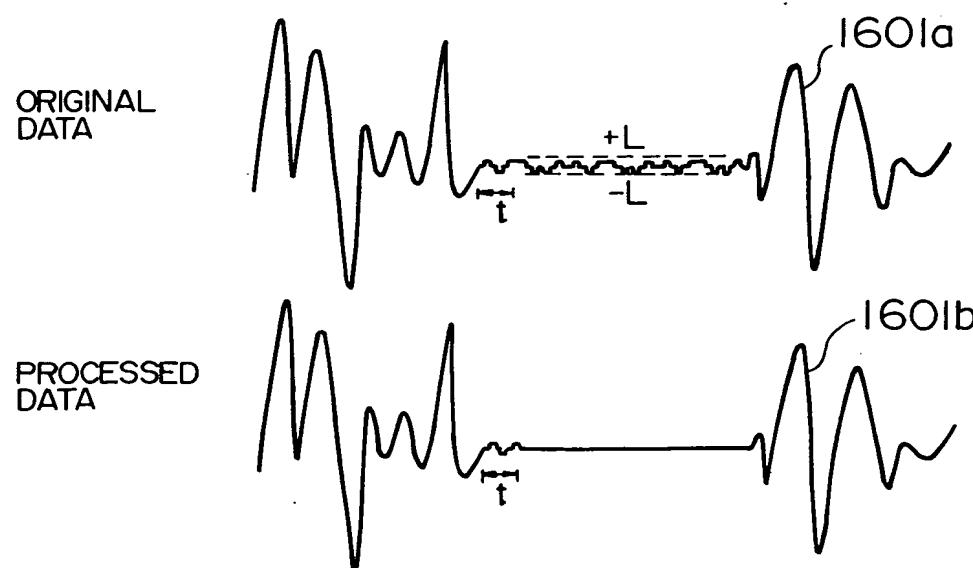


FIG.17

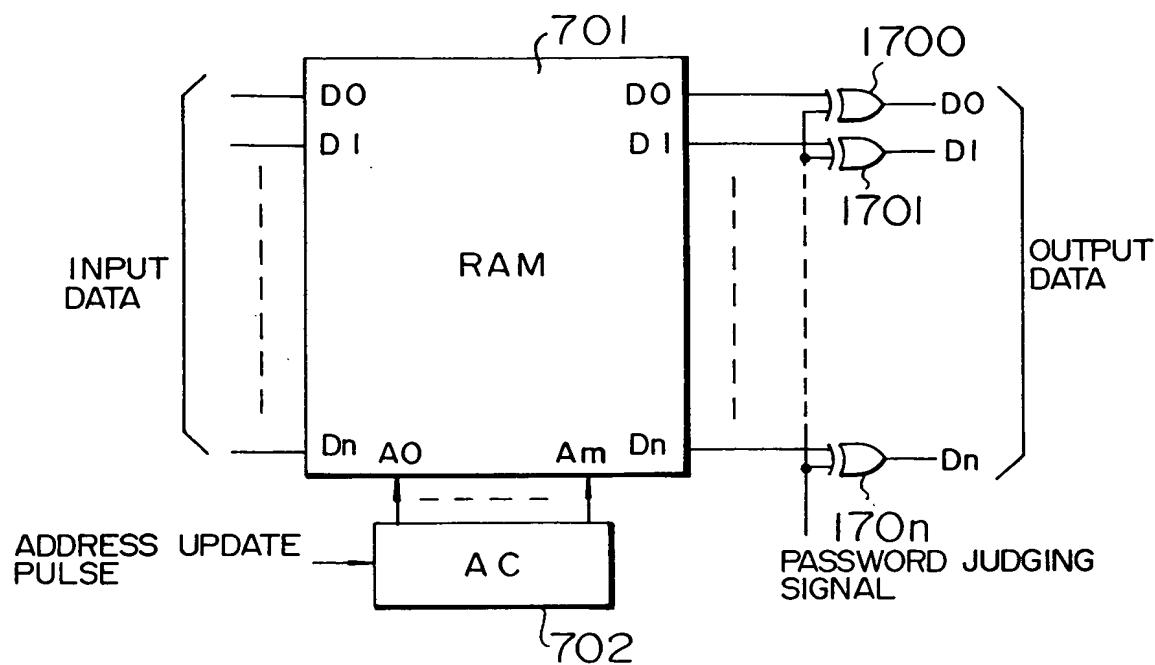
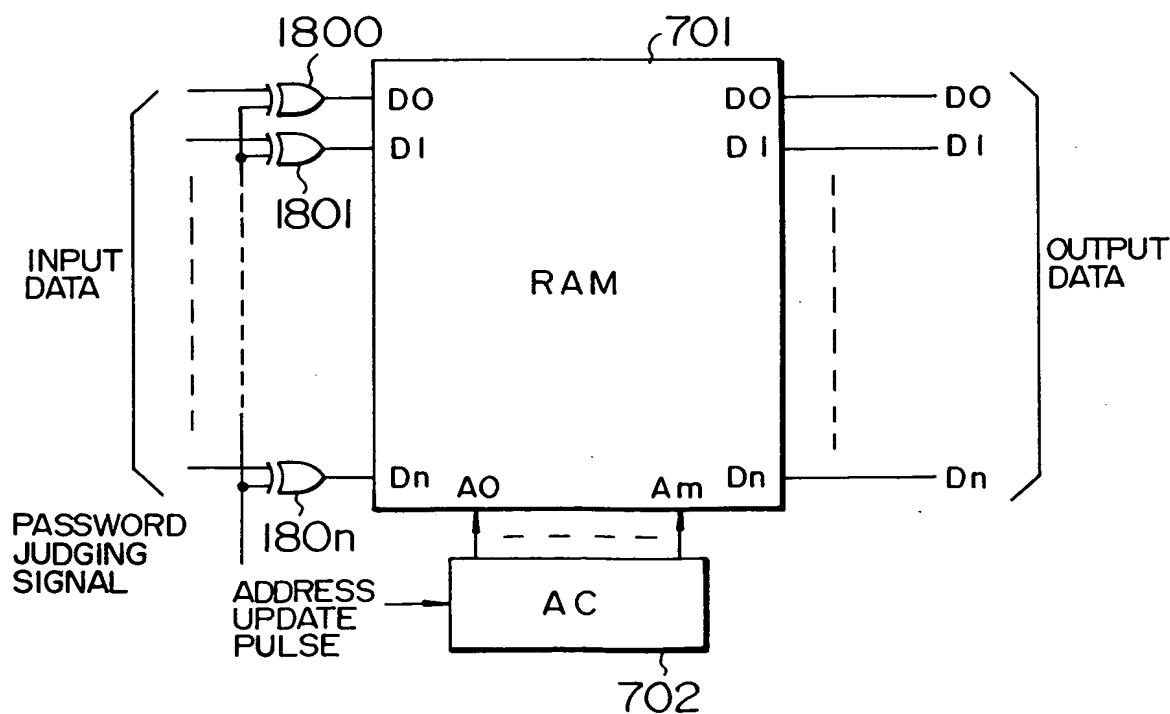


FIG.18



APPROVED	BY	CLASS	SUBCLASS
BY	DRAFTER		

FIG.19

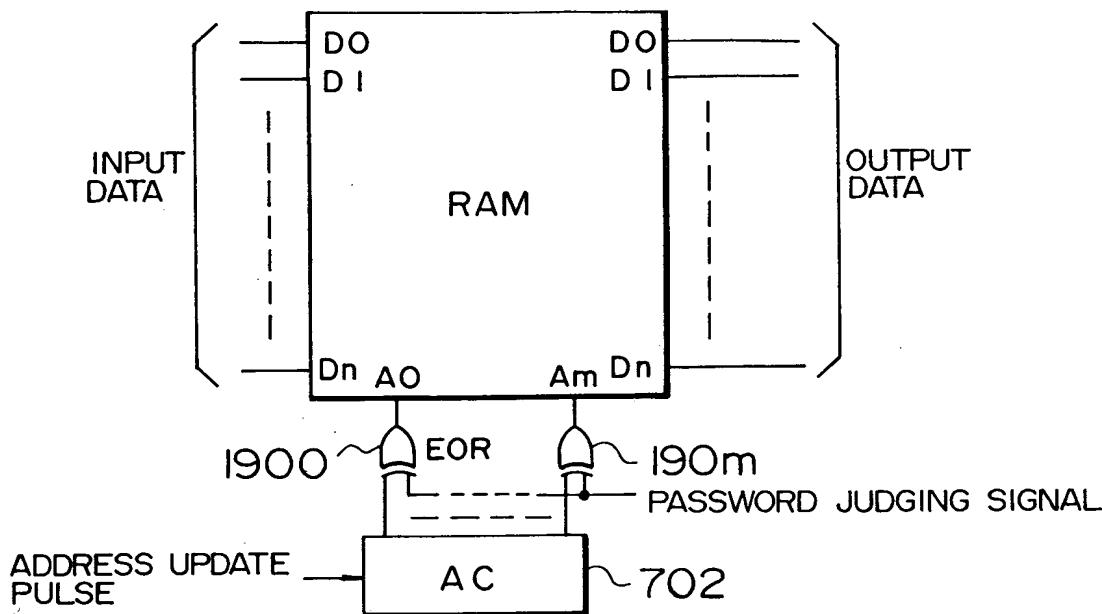


FIG. 20

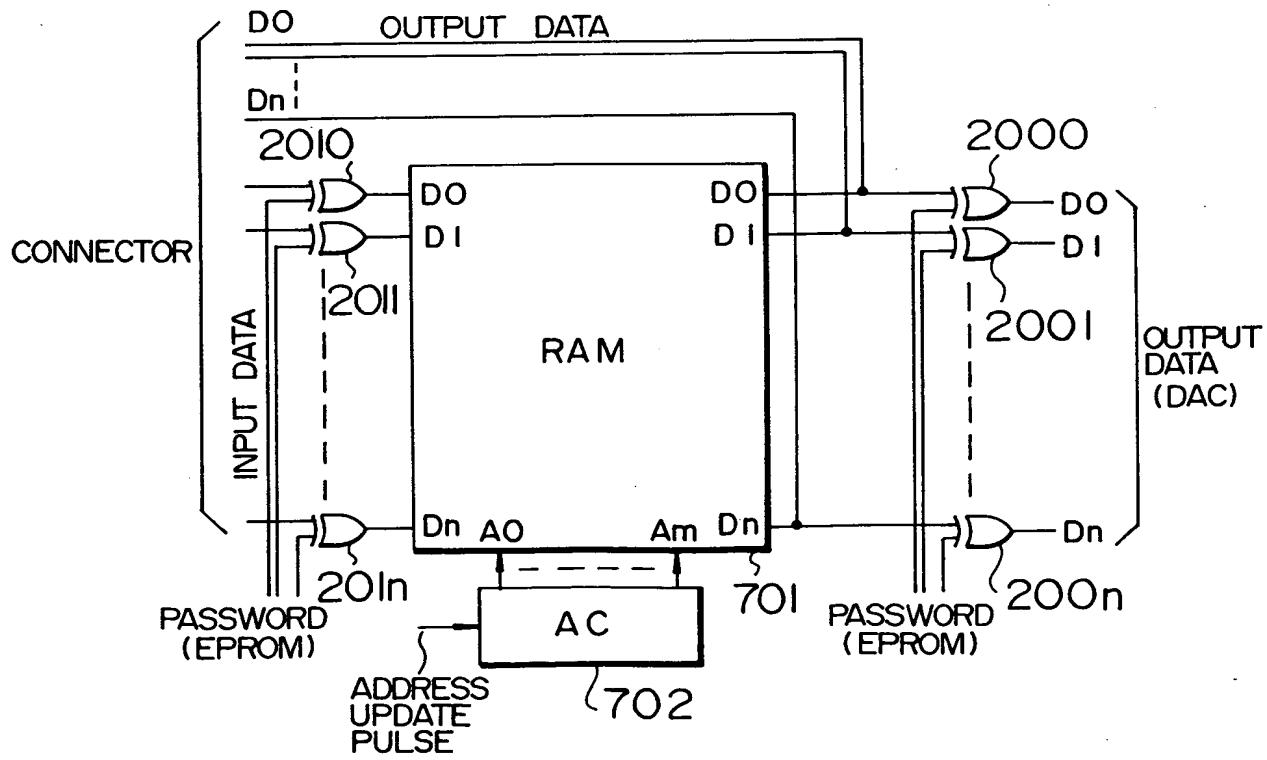


FIG. 21

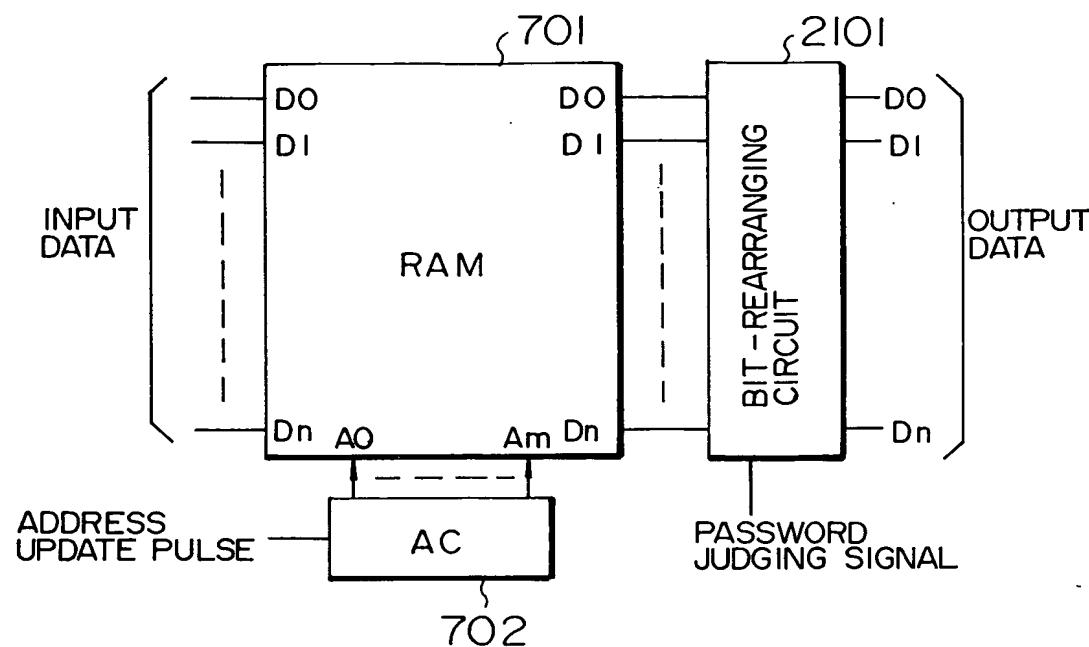


FIG. 22

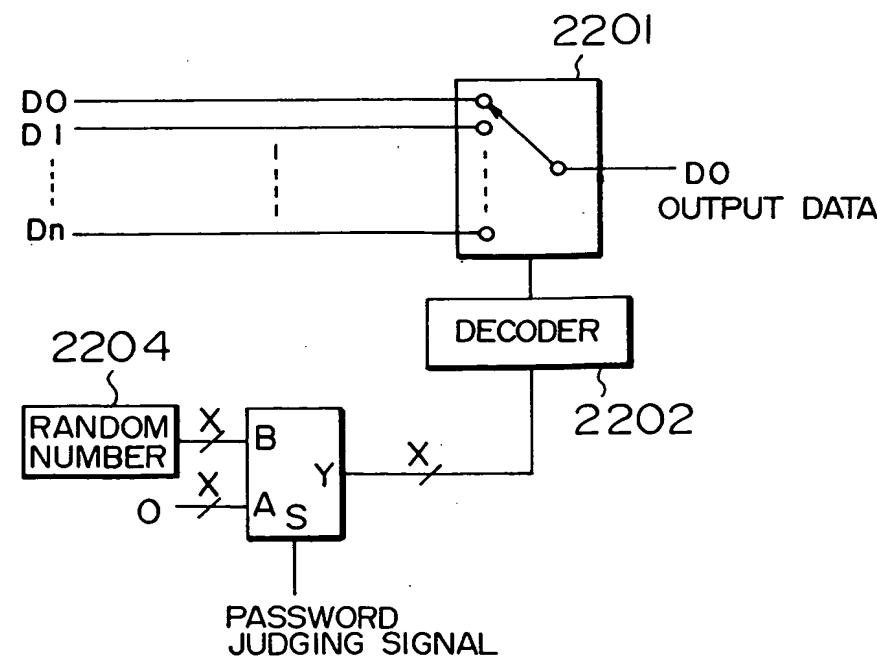
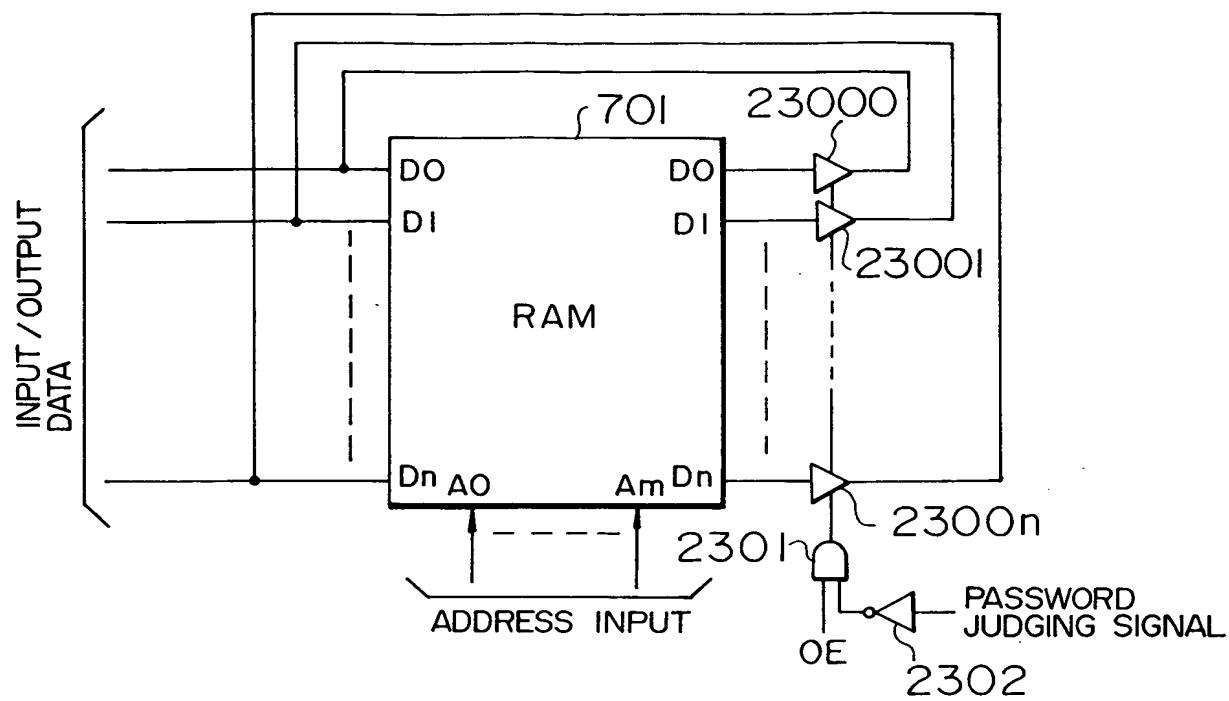


FIG. 23



卷之三

FIG. 24

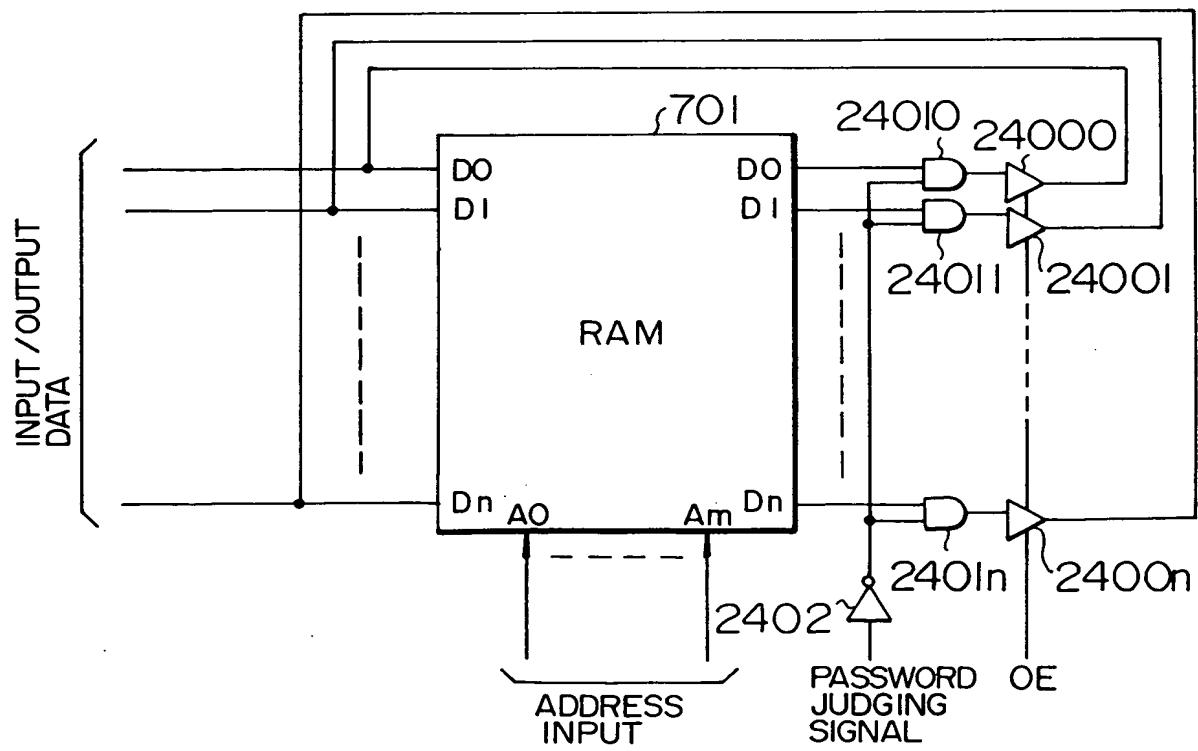
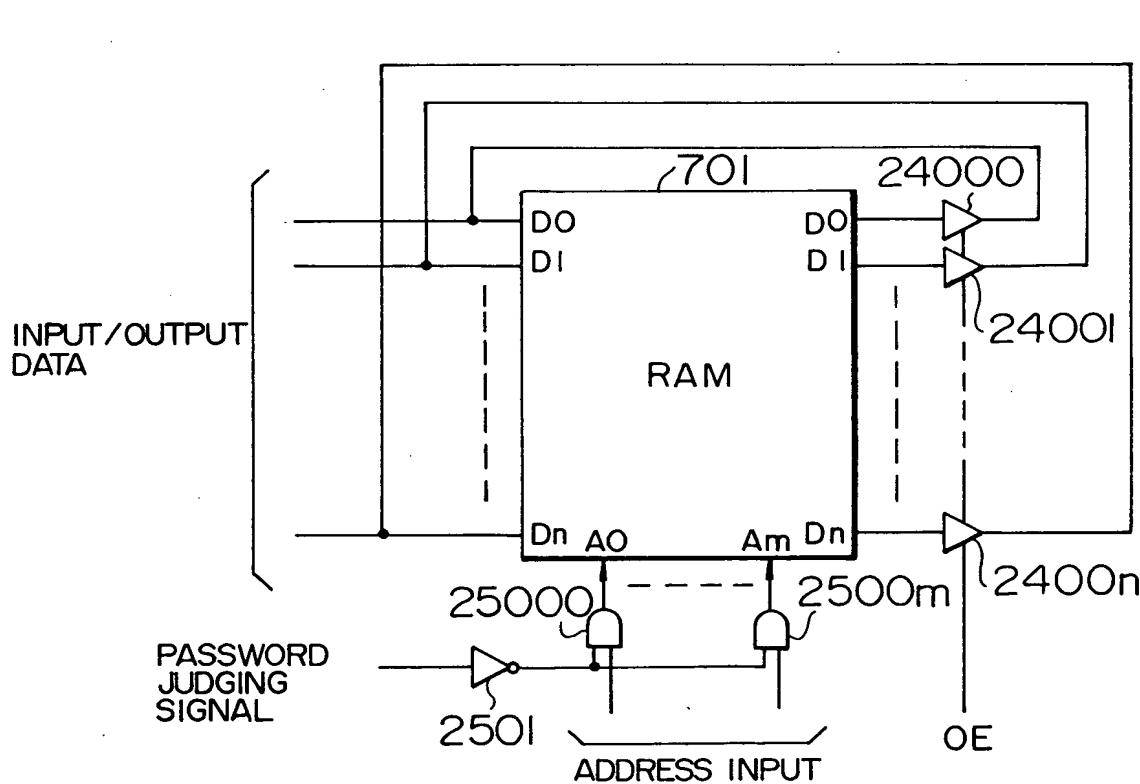


FIG. 25



09886368 - 062204

FIG.26

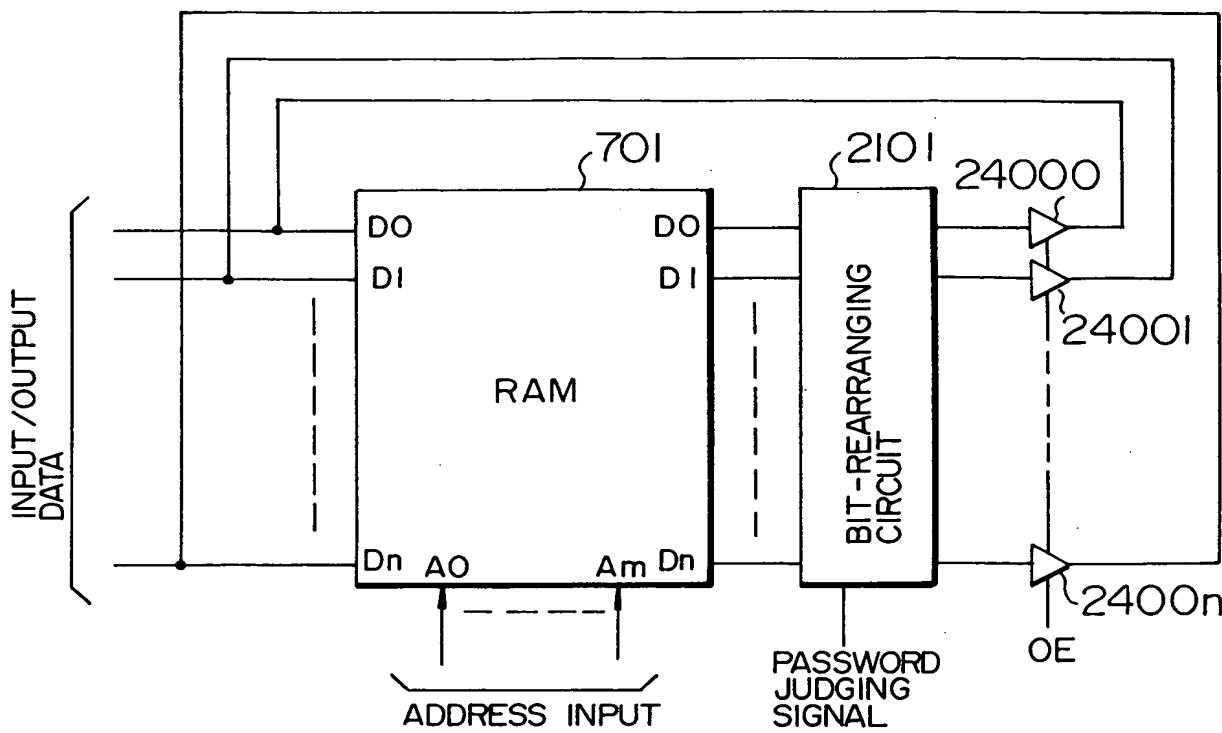
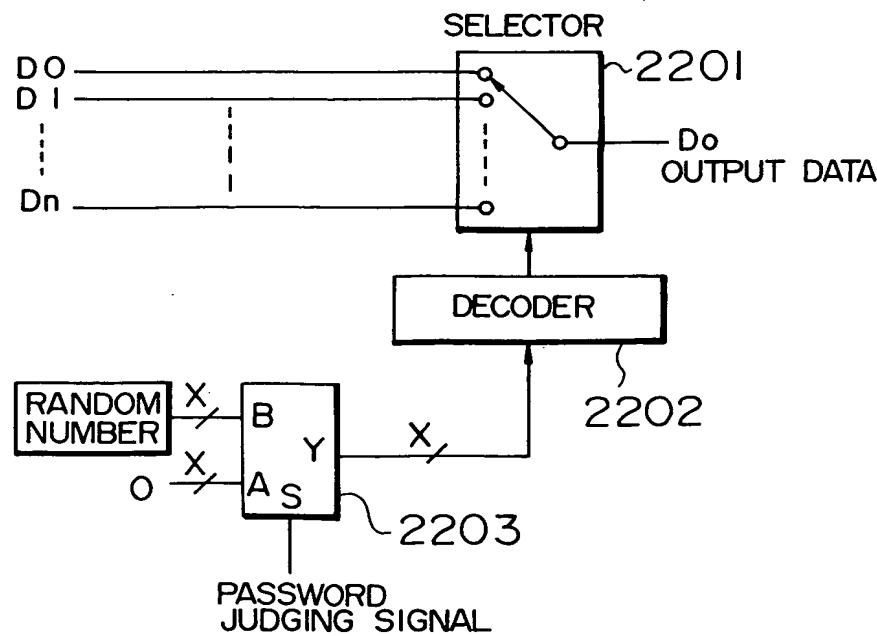


FIG.27



APPROVED	100-6002	
BY	CLASS	SUBCLASS
DR. R. F. MAN		

FIG. 28

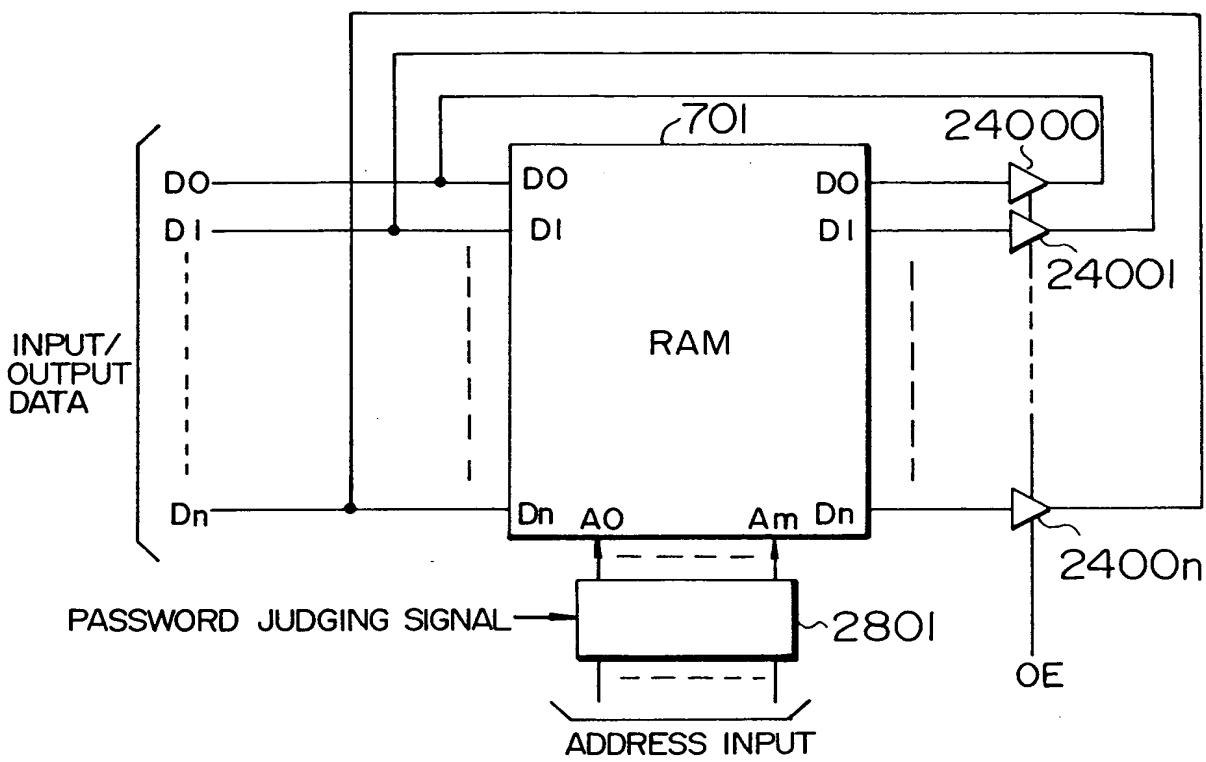


FIG. 29

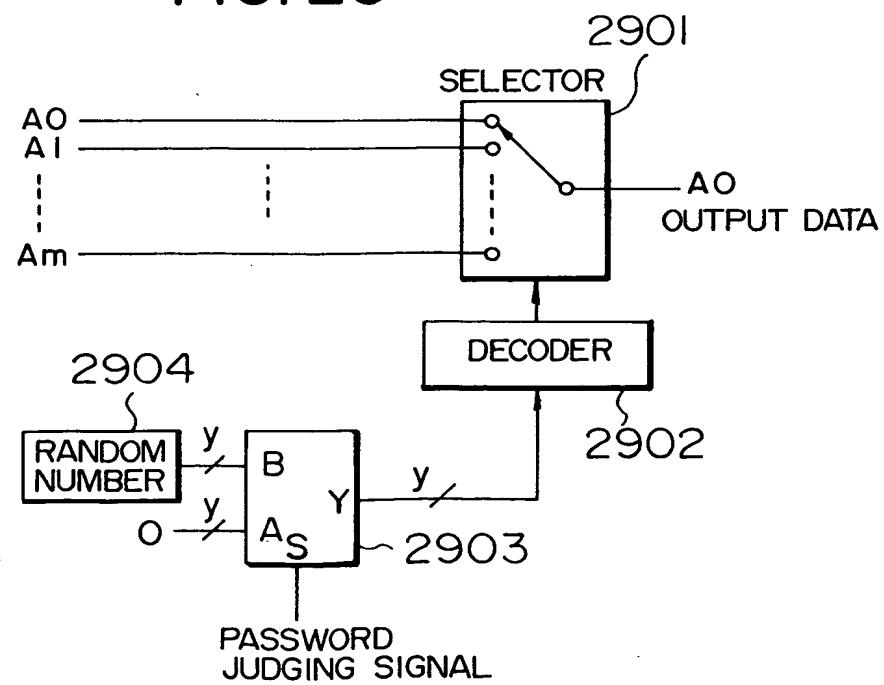


FIG. 30

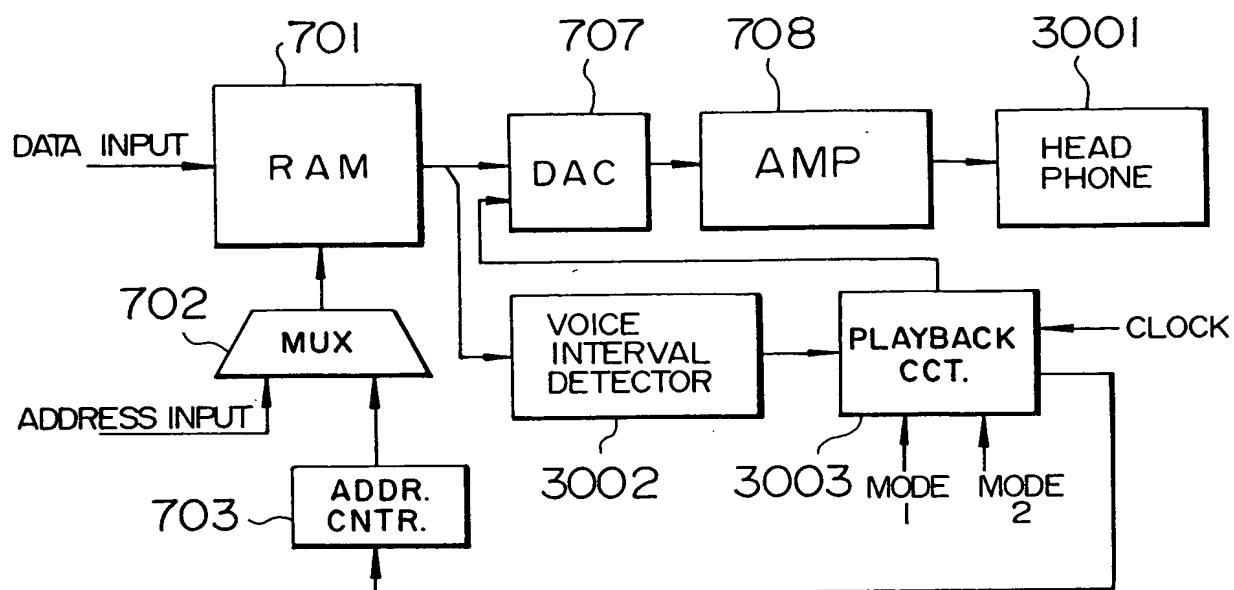


FIG. 31

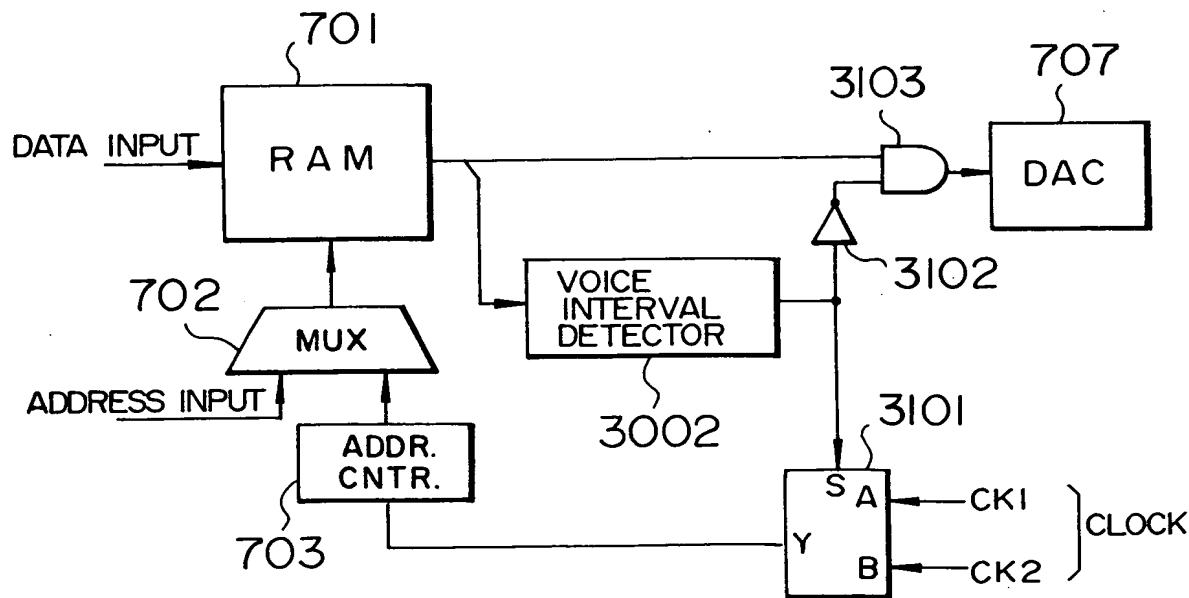


FIG. 32

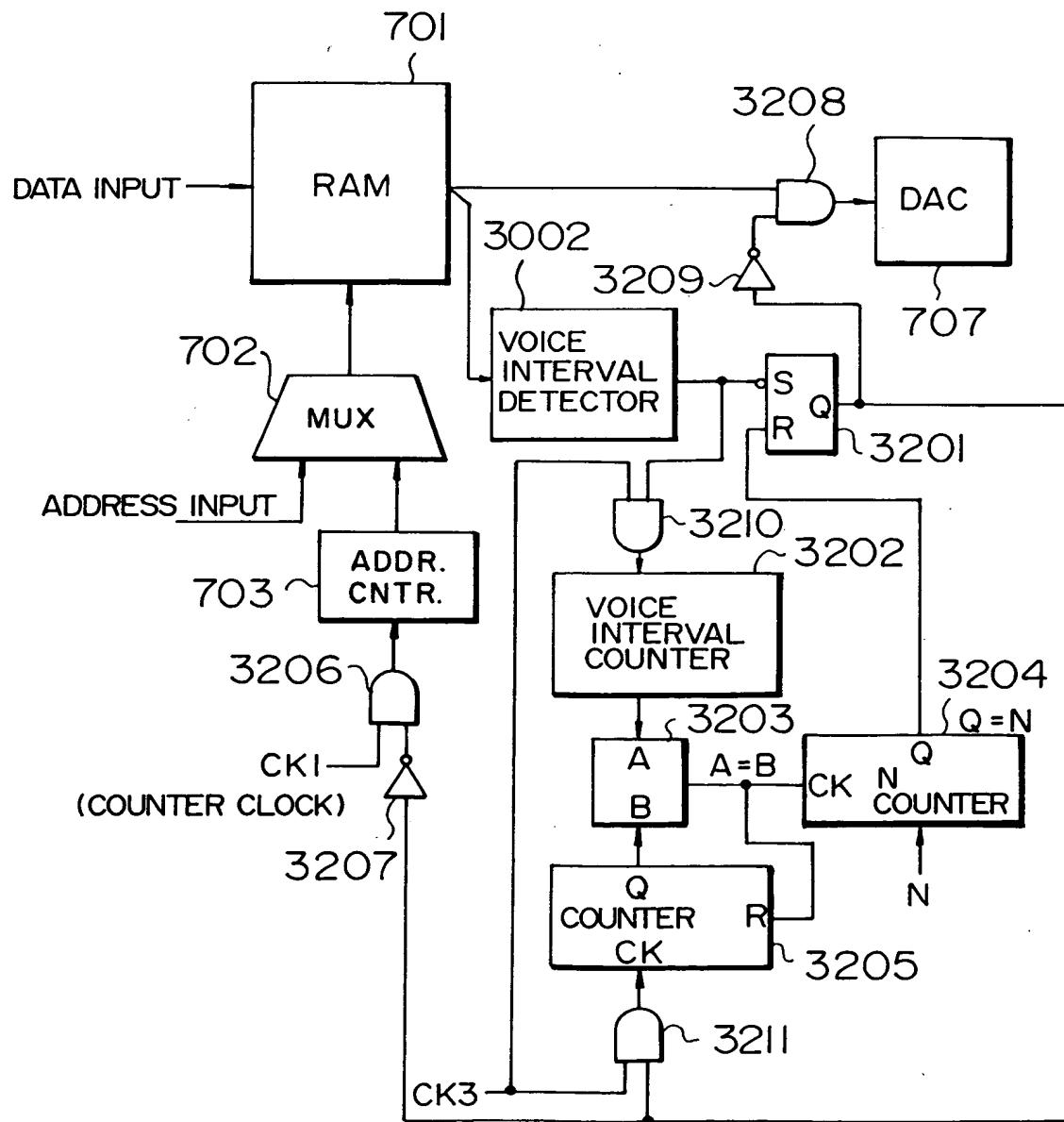




FIG. 33

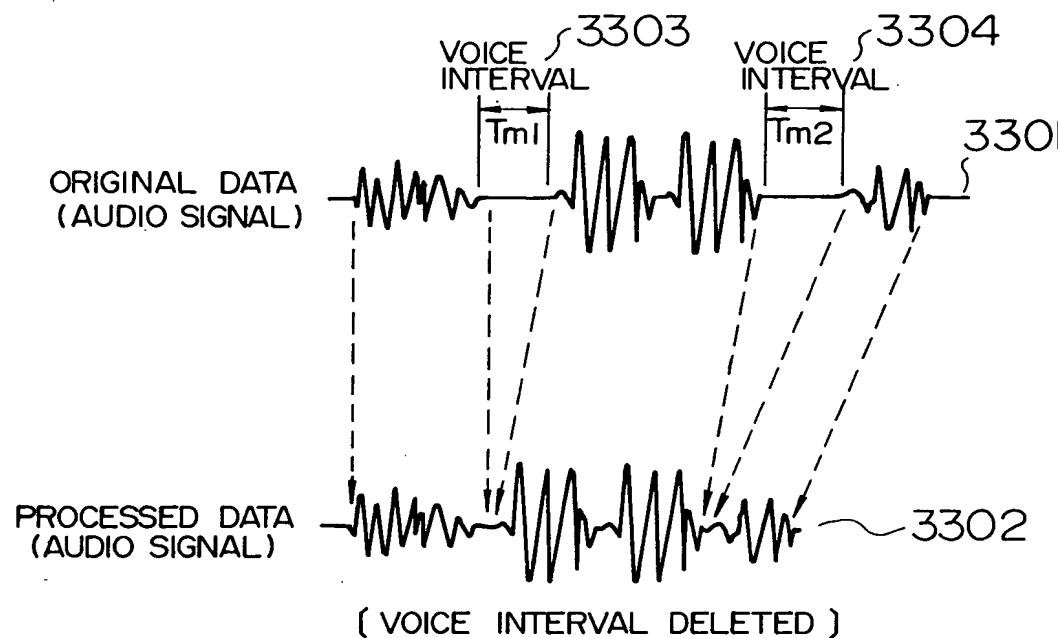
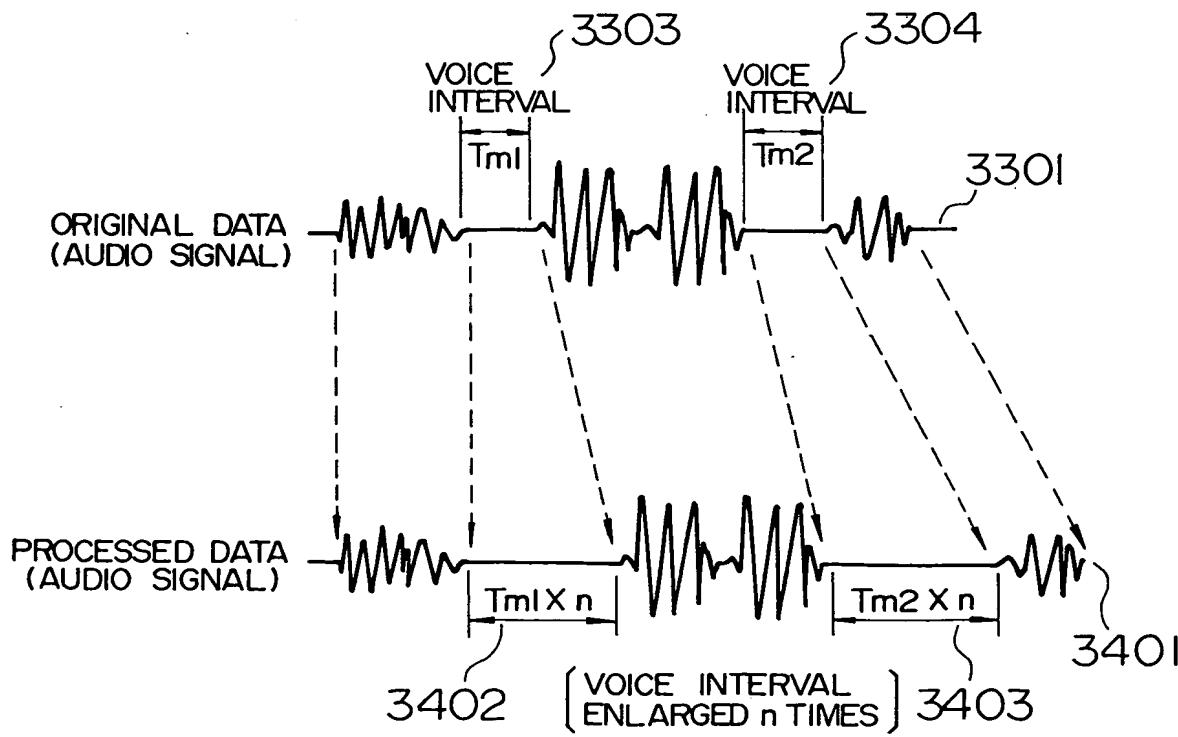


FIG. 34



098863663 - 06622012

FIG. 35

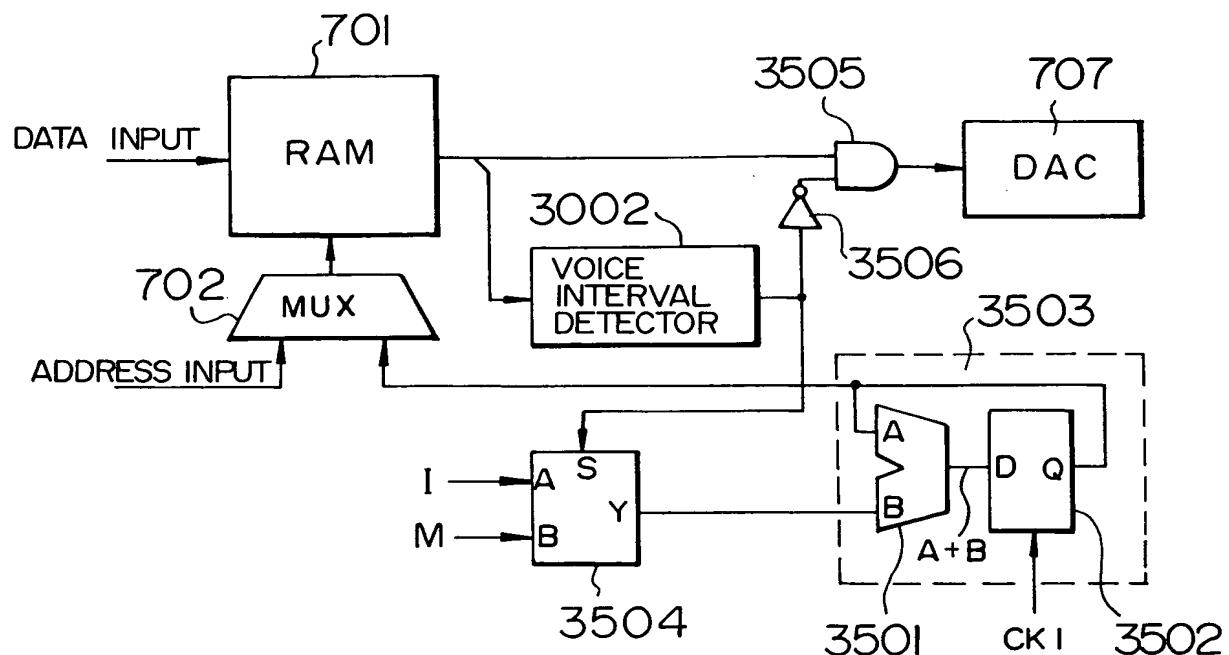


FIG. 36

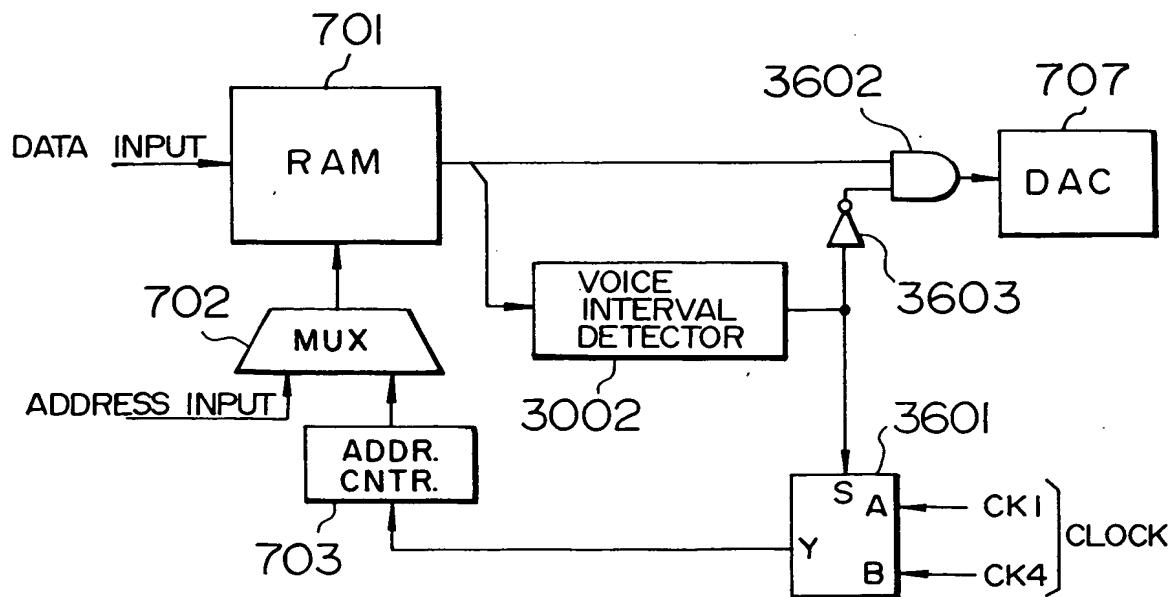
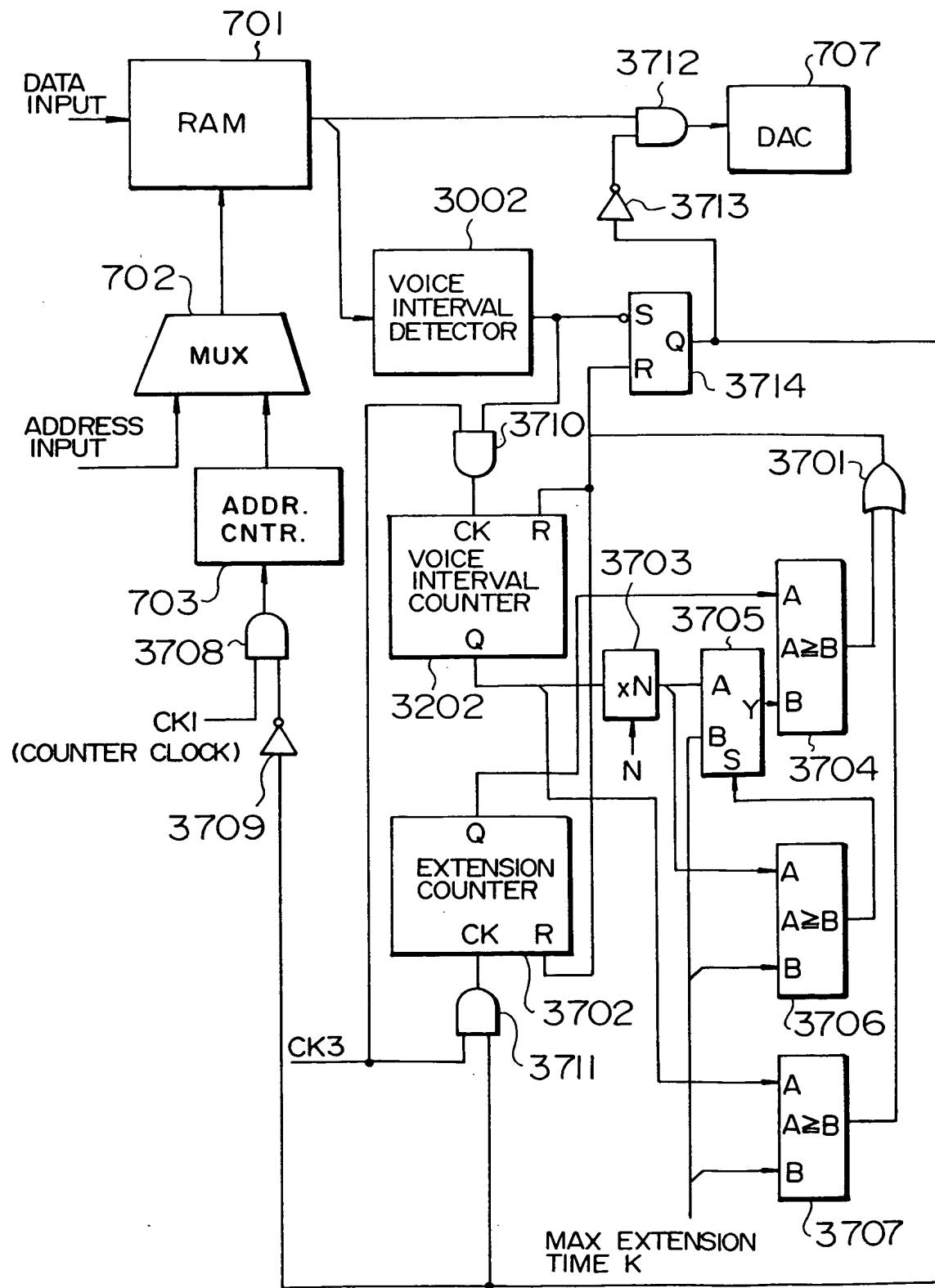


FIG.37



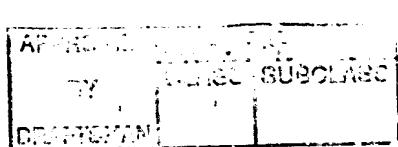


FIG. 38

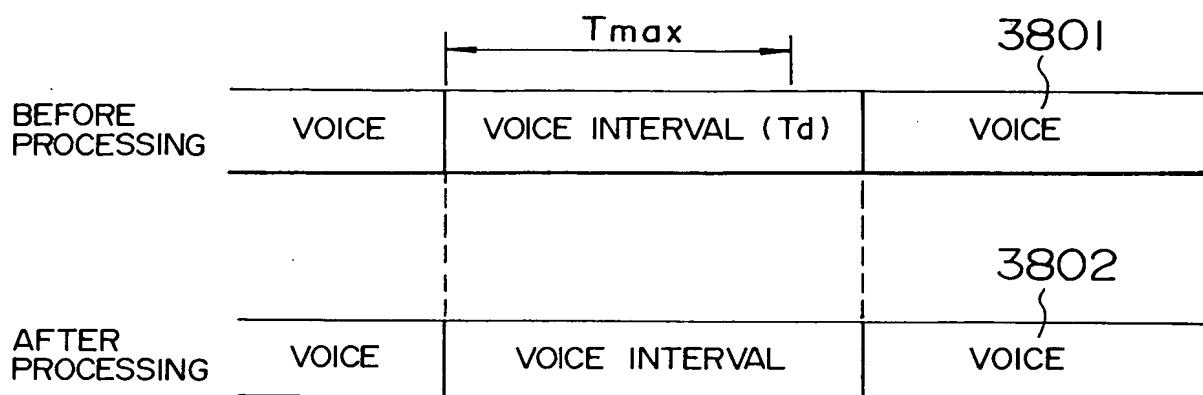


FIG. 39

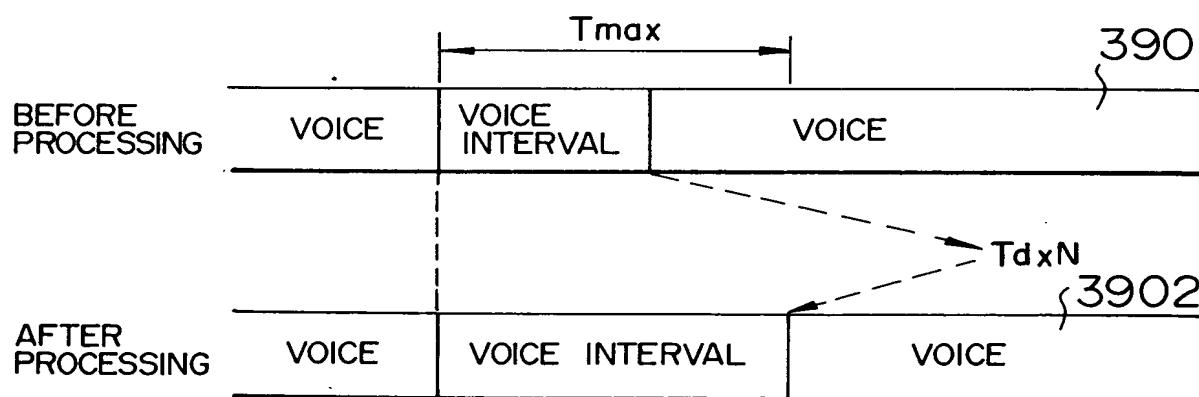
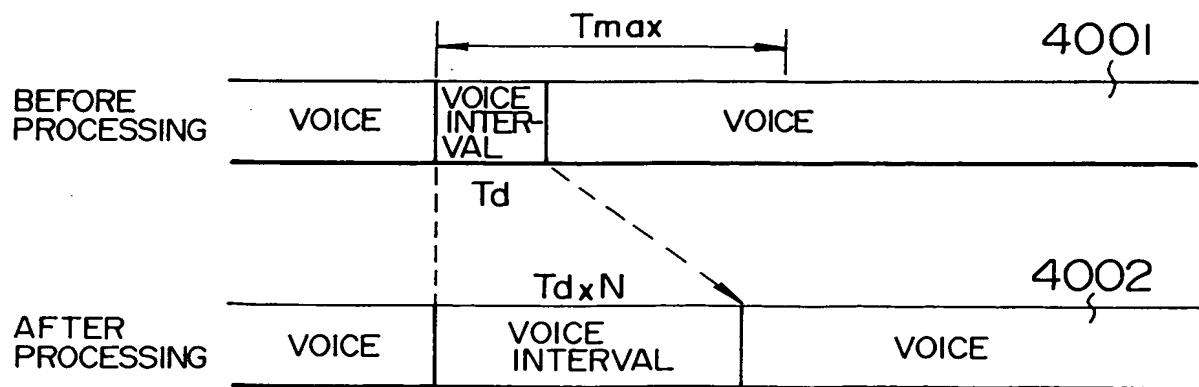


FIG. 40



APPROVED	BY	CLASS	SUBCLASS
DEPARTMENT			

FIG. 41

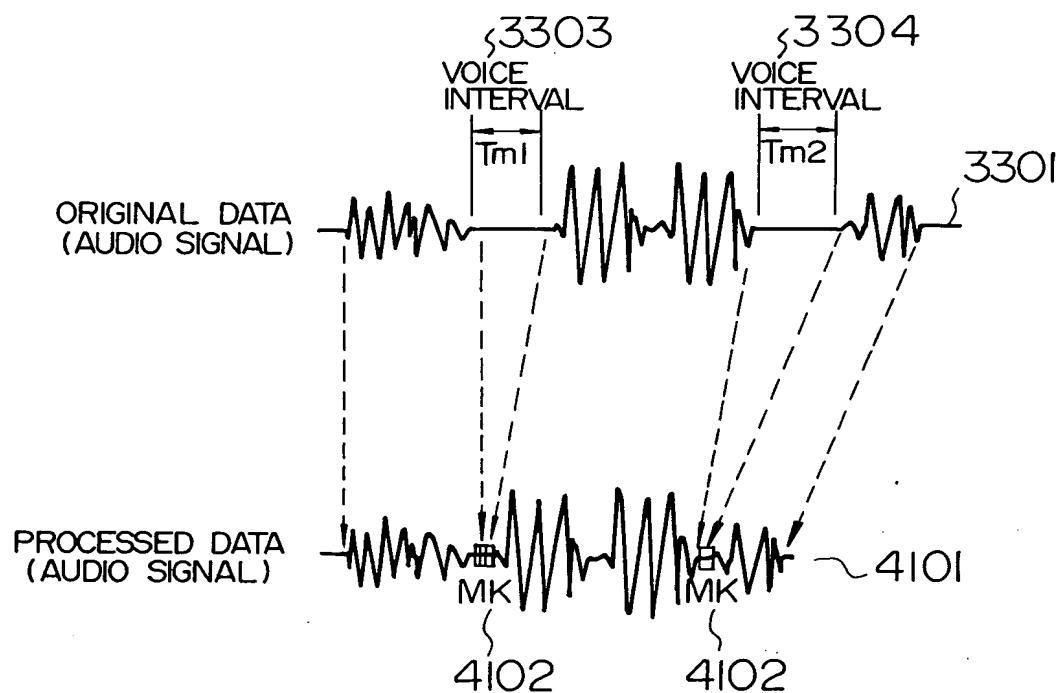


FIG. 42

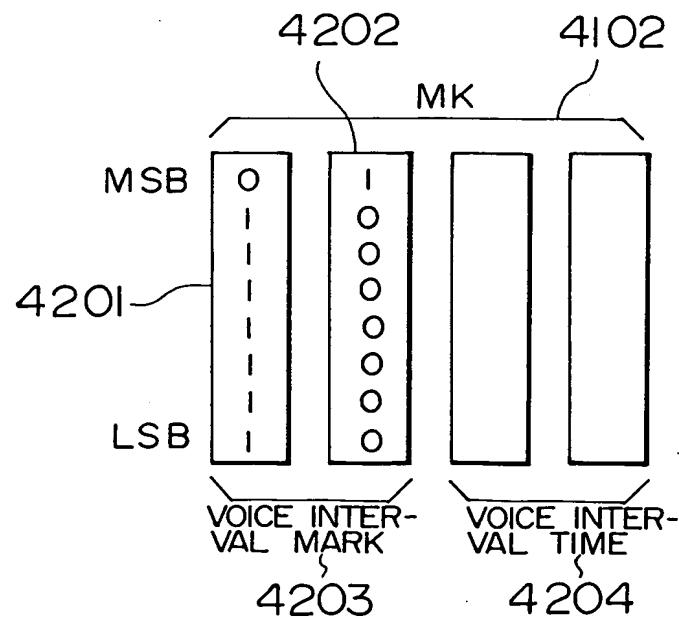


FIG. 43

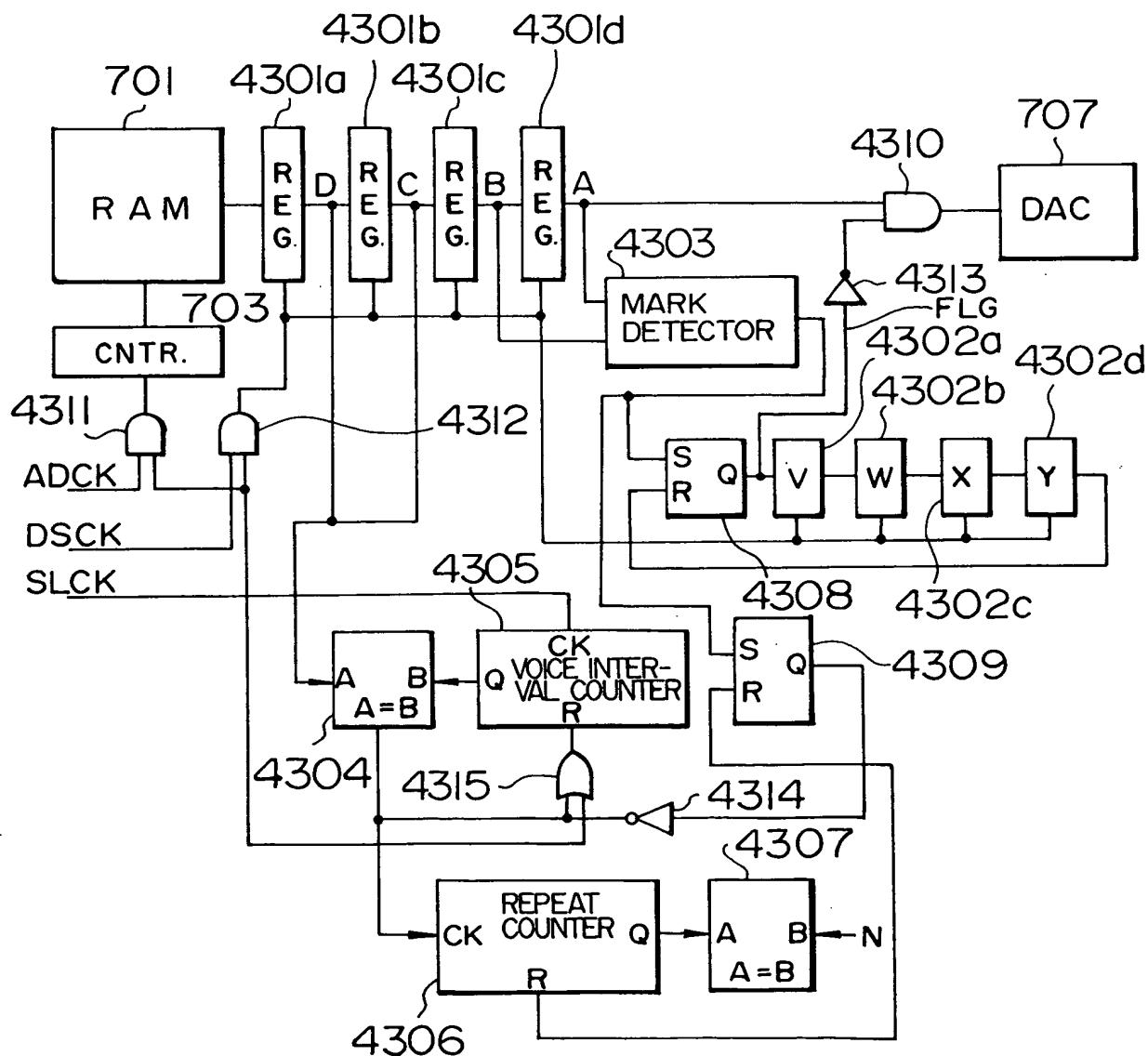
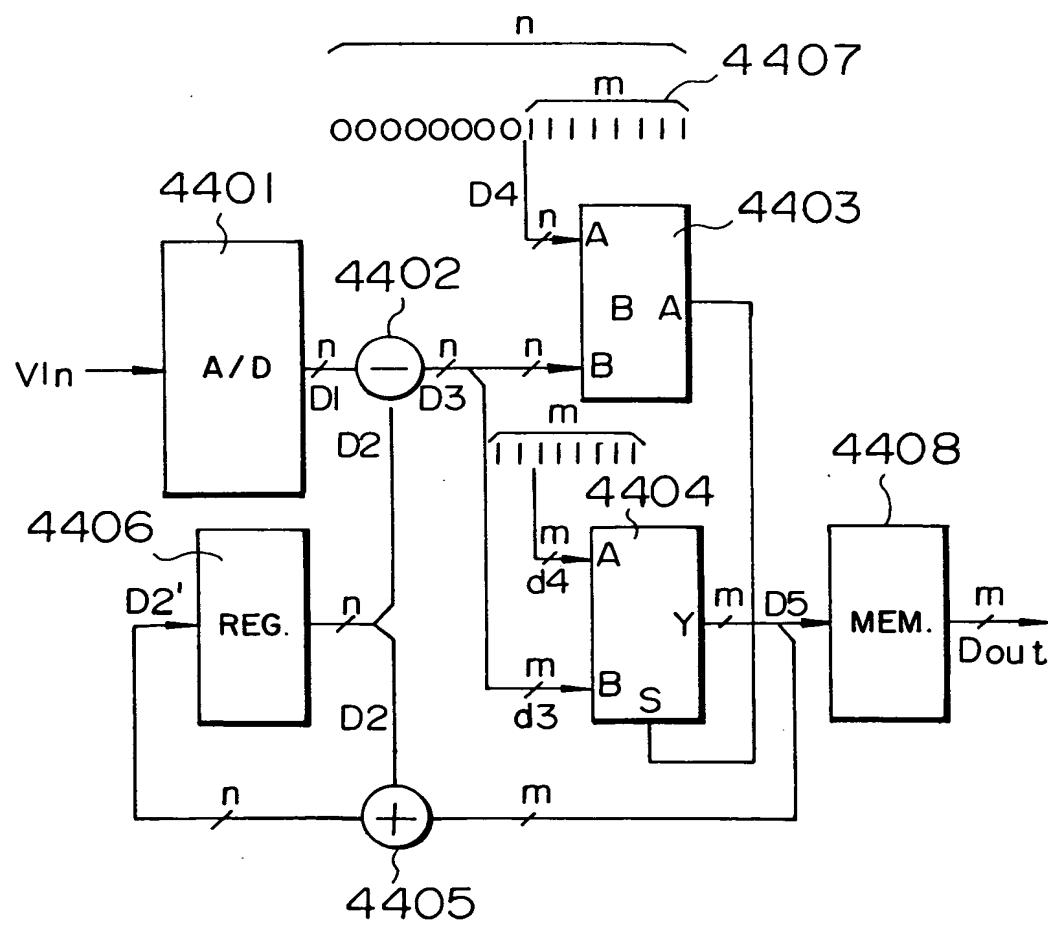
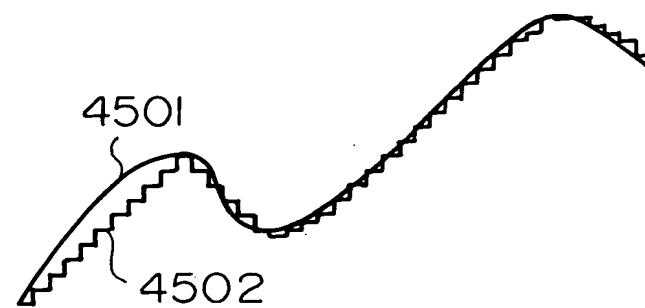


FIG. 44



09886368-062201

FIG. 45



09663866-0002-001

FIG. 46

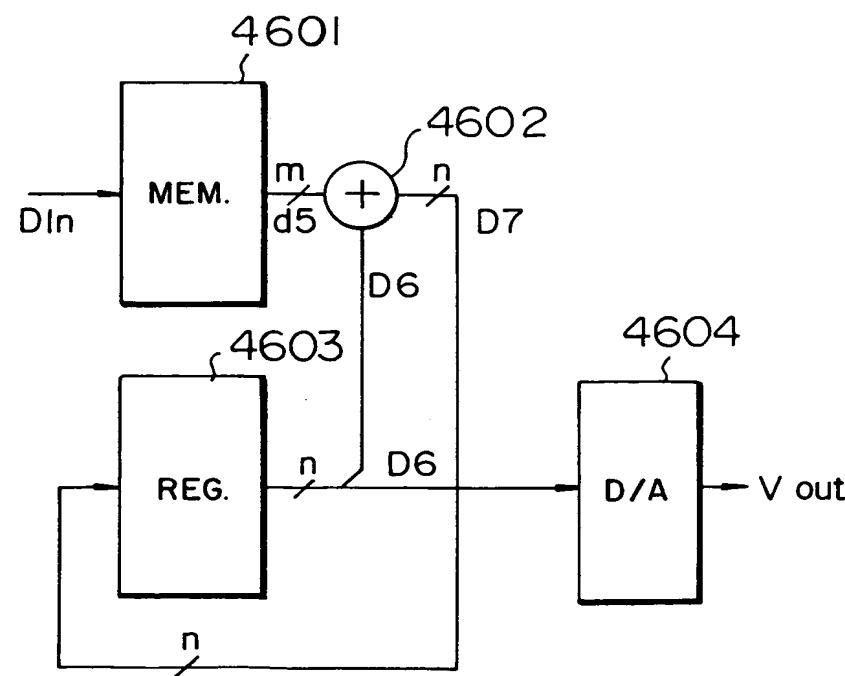


FIG. 47

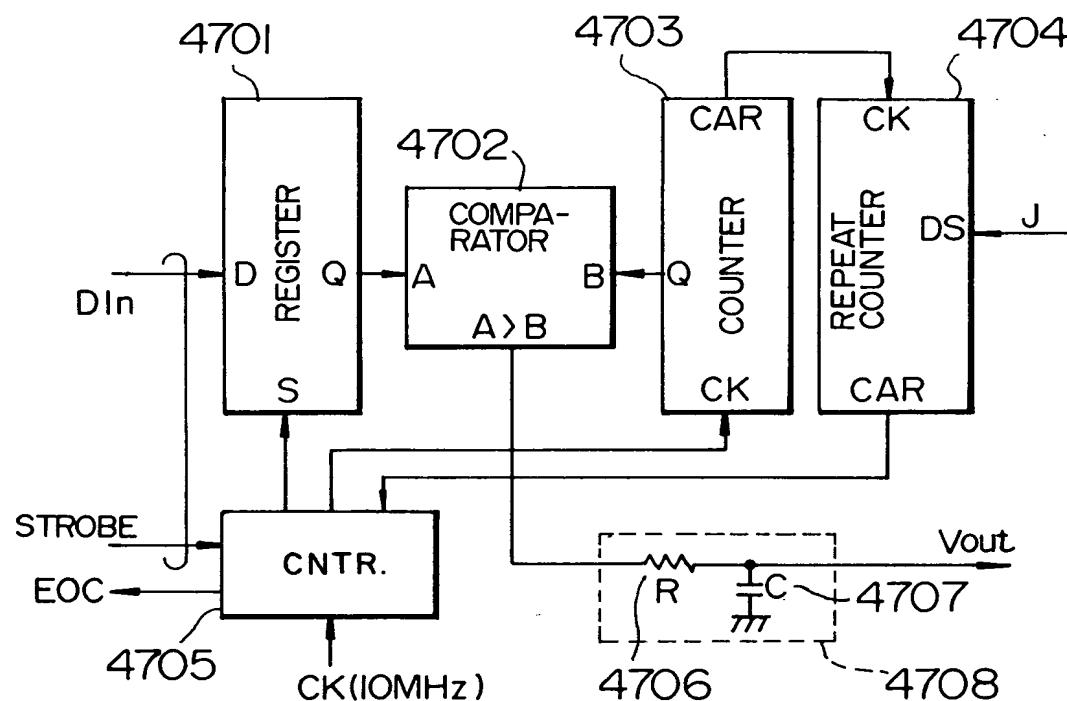


FIG. 48

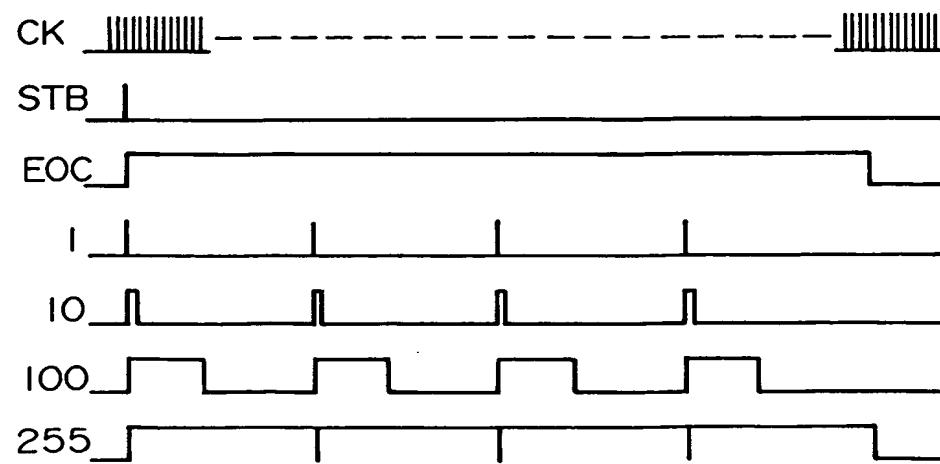


FIG. 49

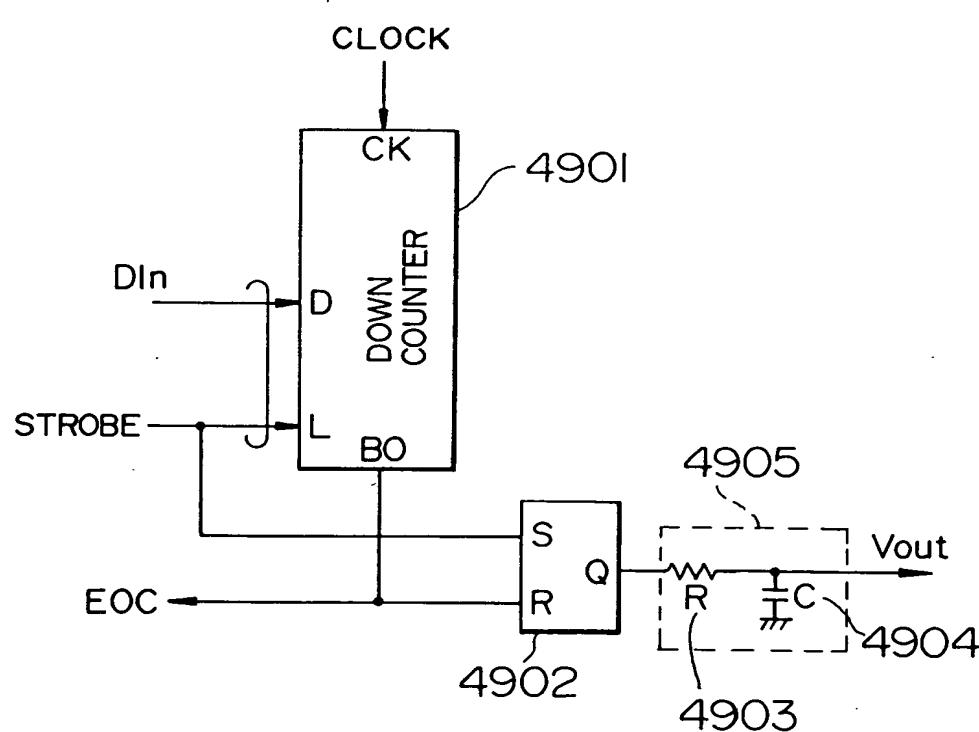
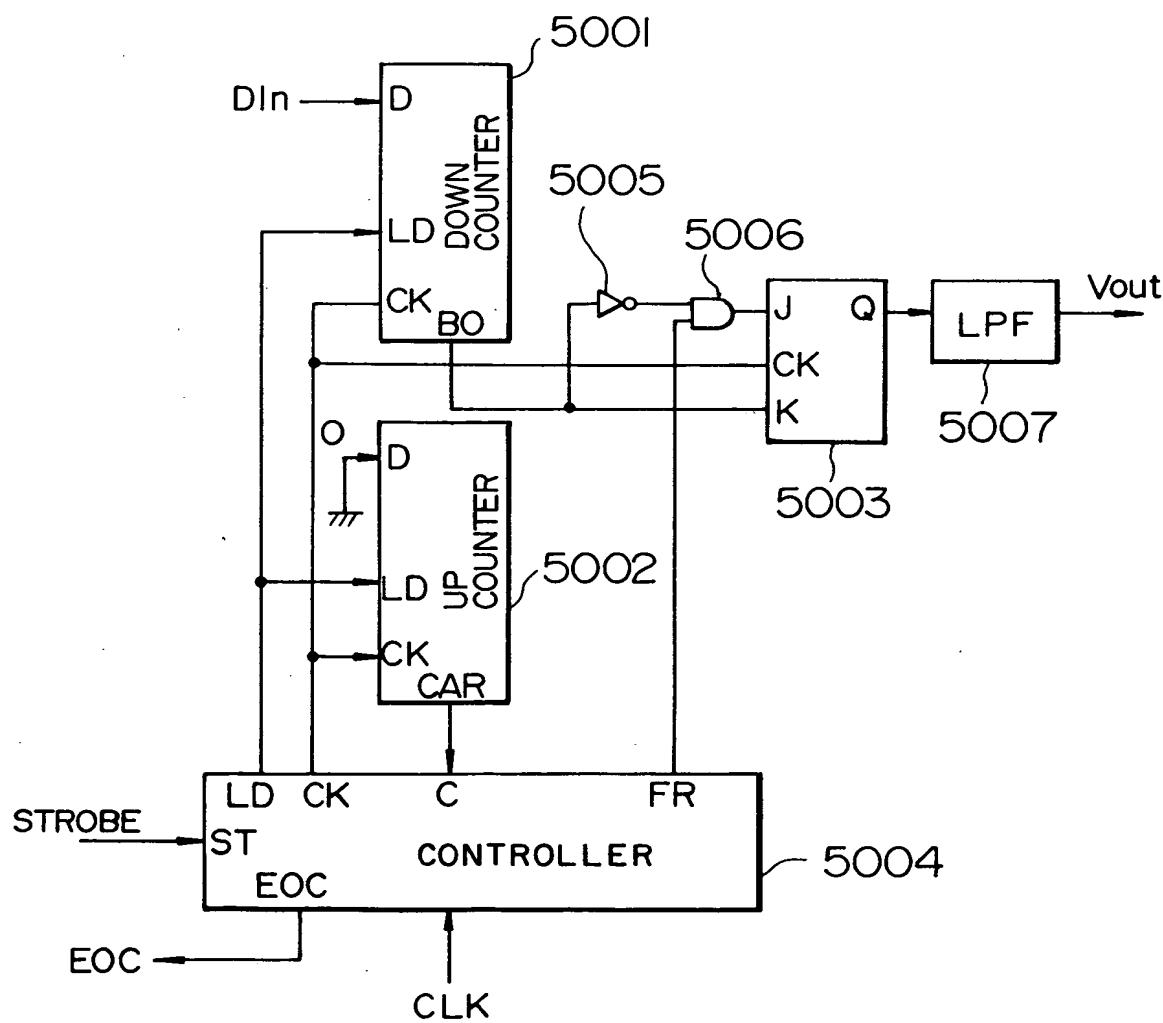


FIG. 50



102290-39E93360

FIG. 51

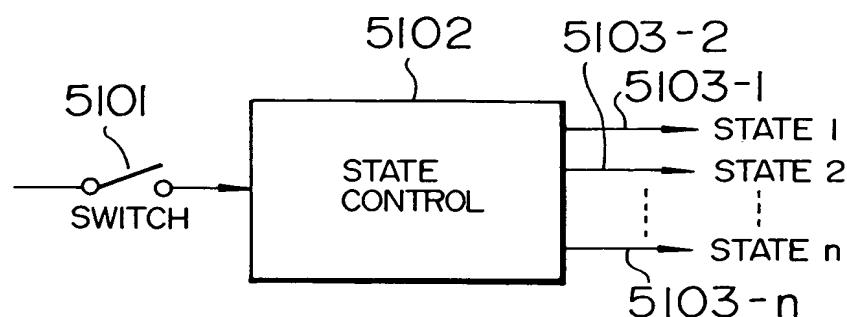


FIG. 52

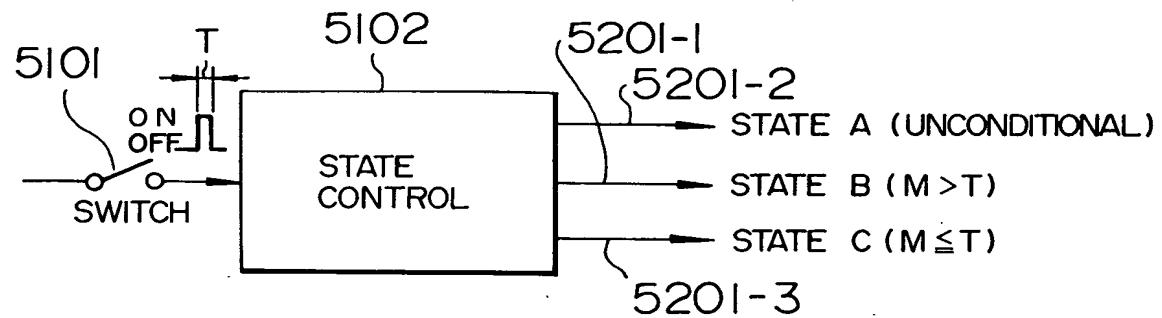


FIG. 53

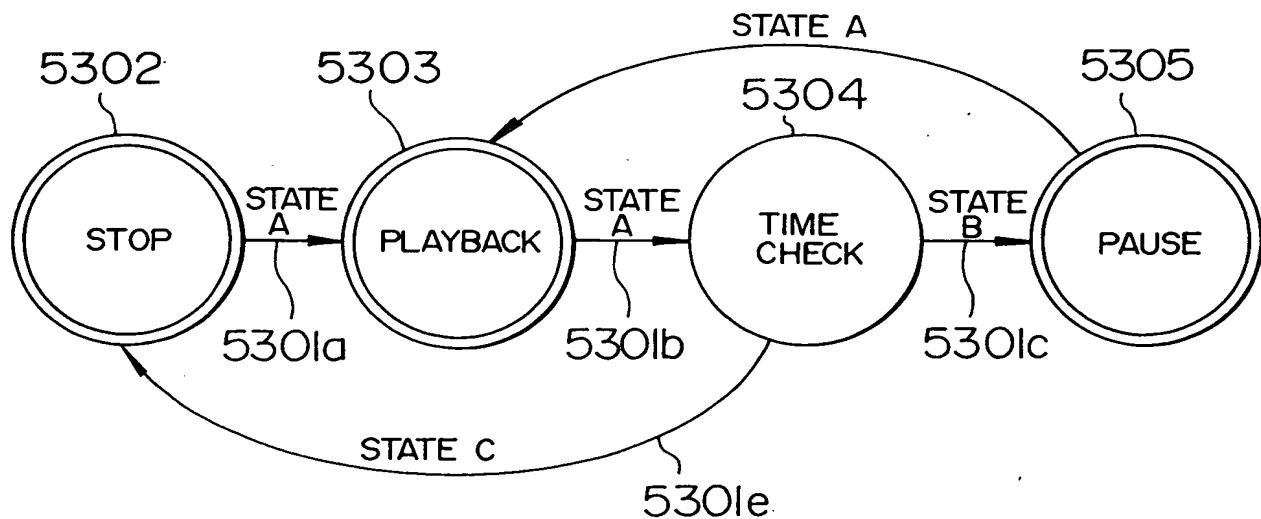


FIG. 54

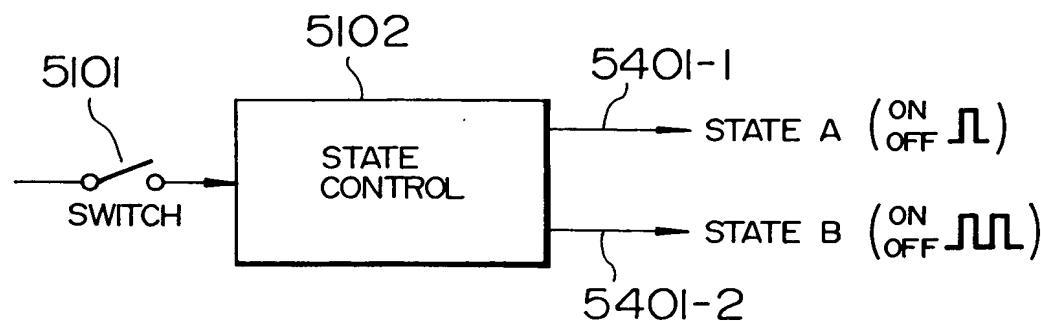


FIG. 55

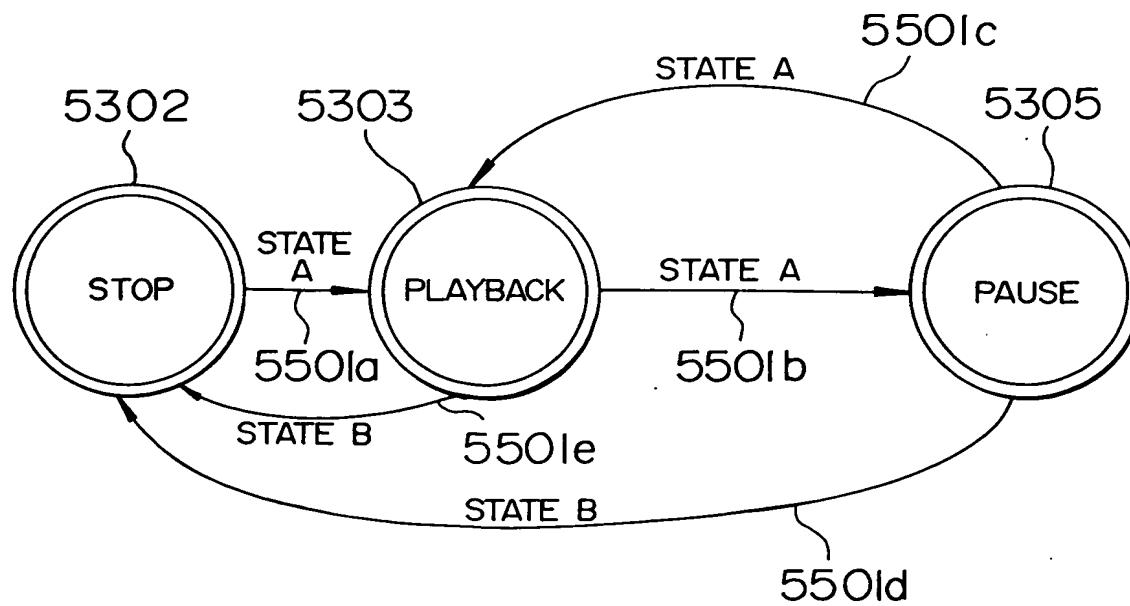


FIG. 56

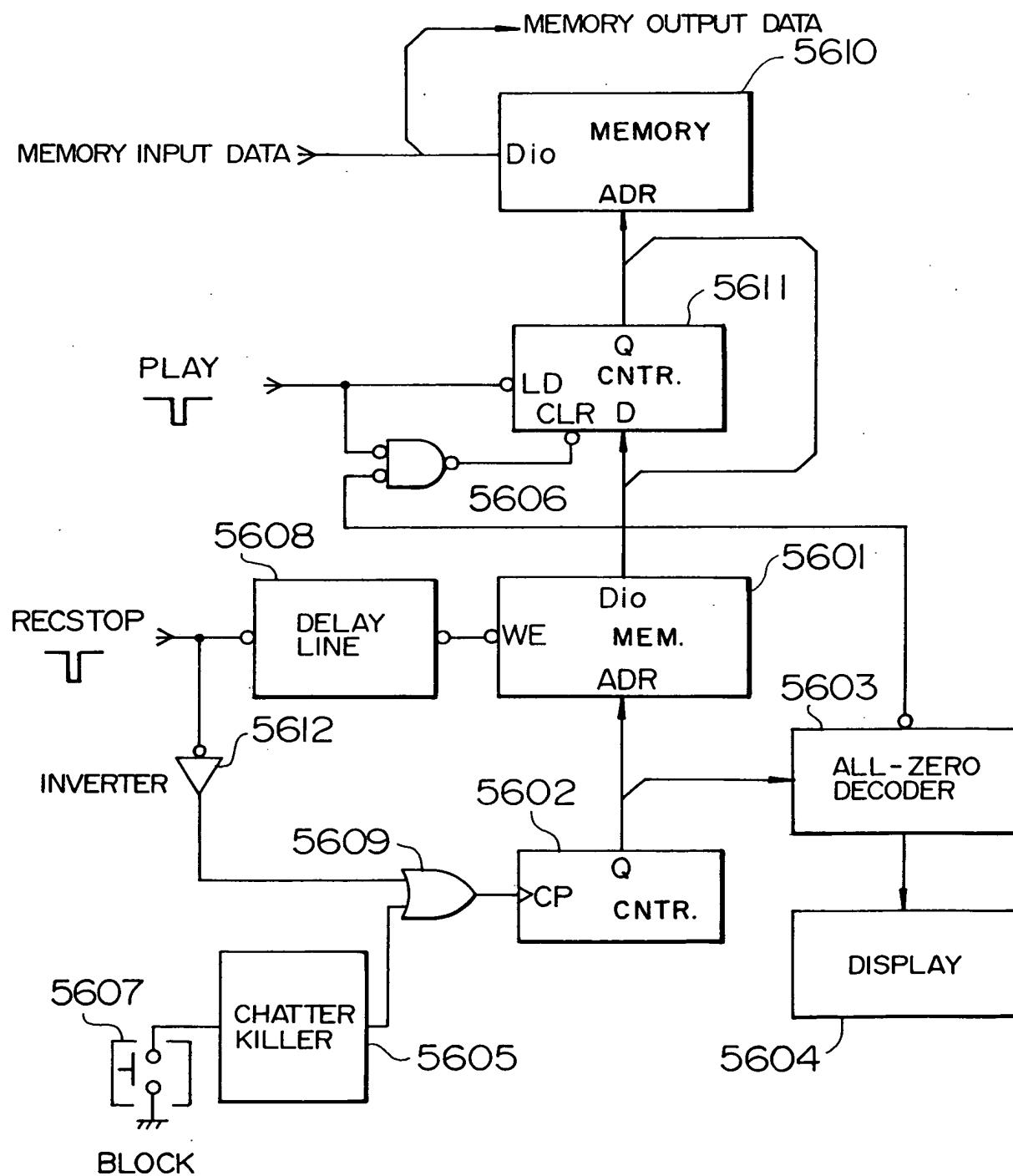


FIG. 57

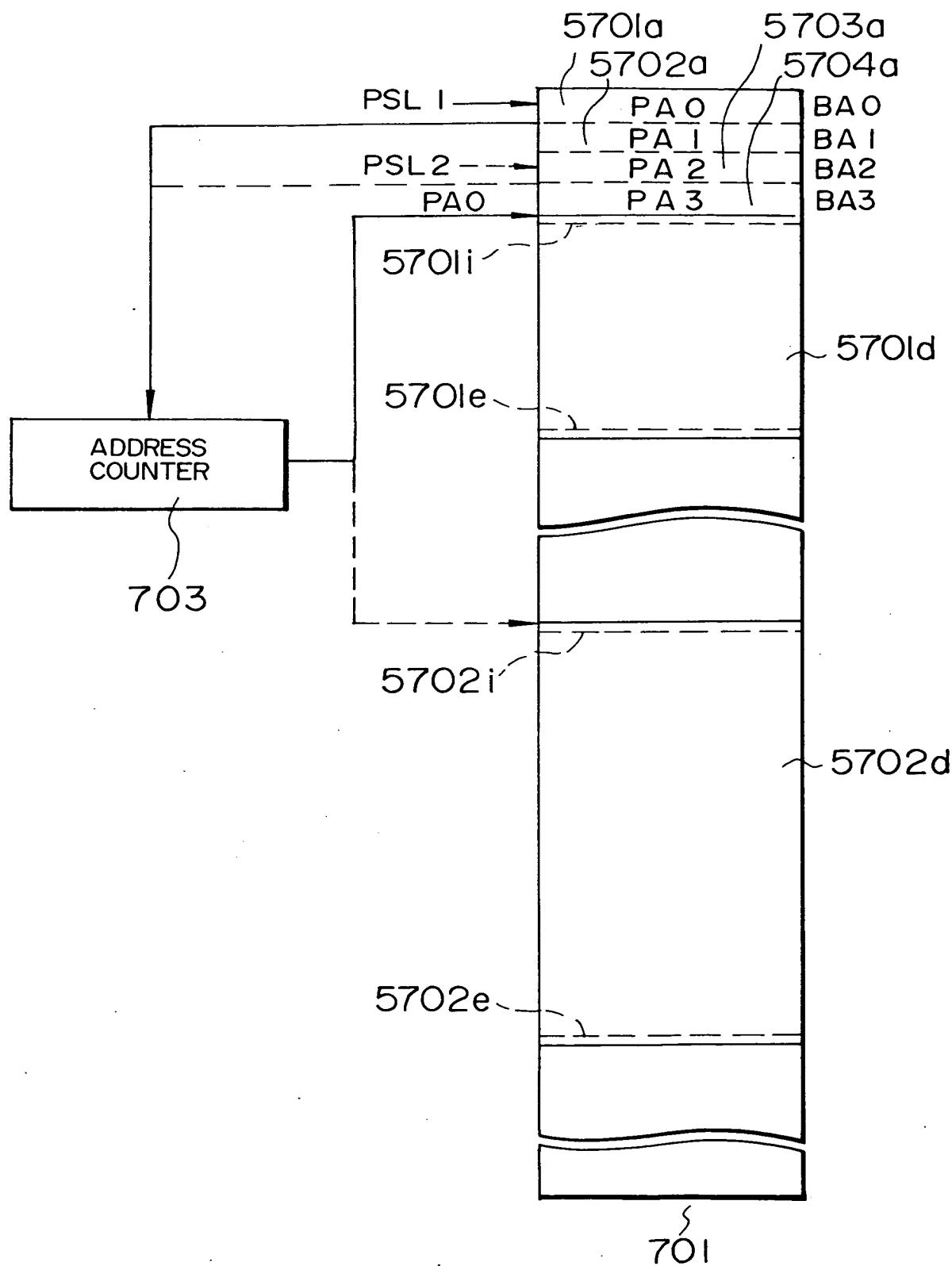
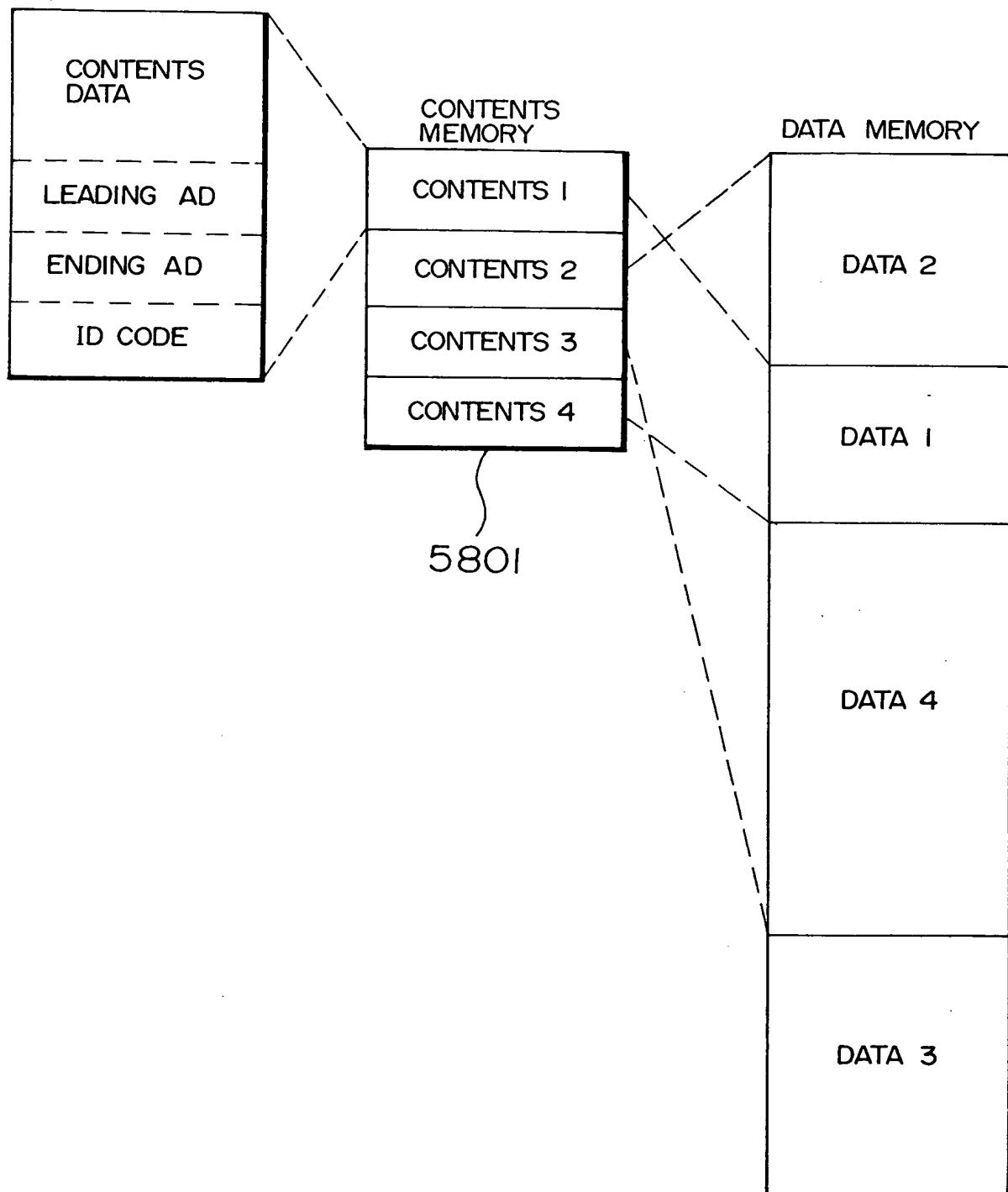


FIG. 58



09336368-062201

FIG. 59

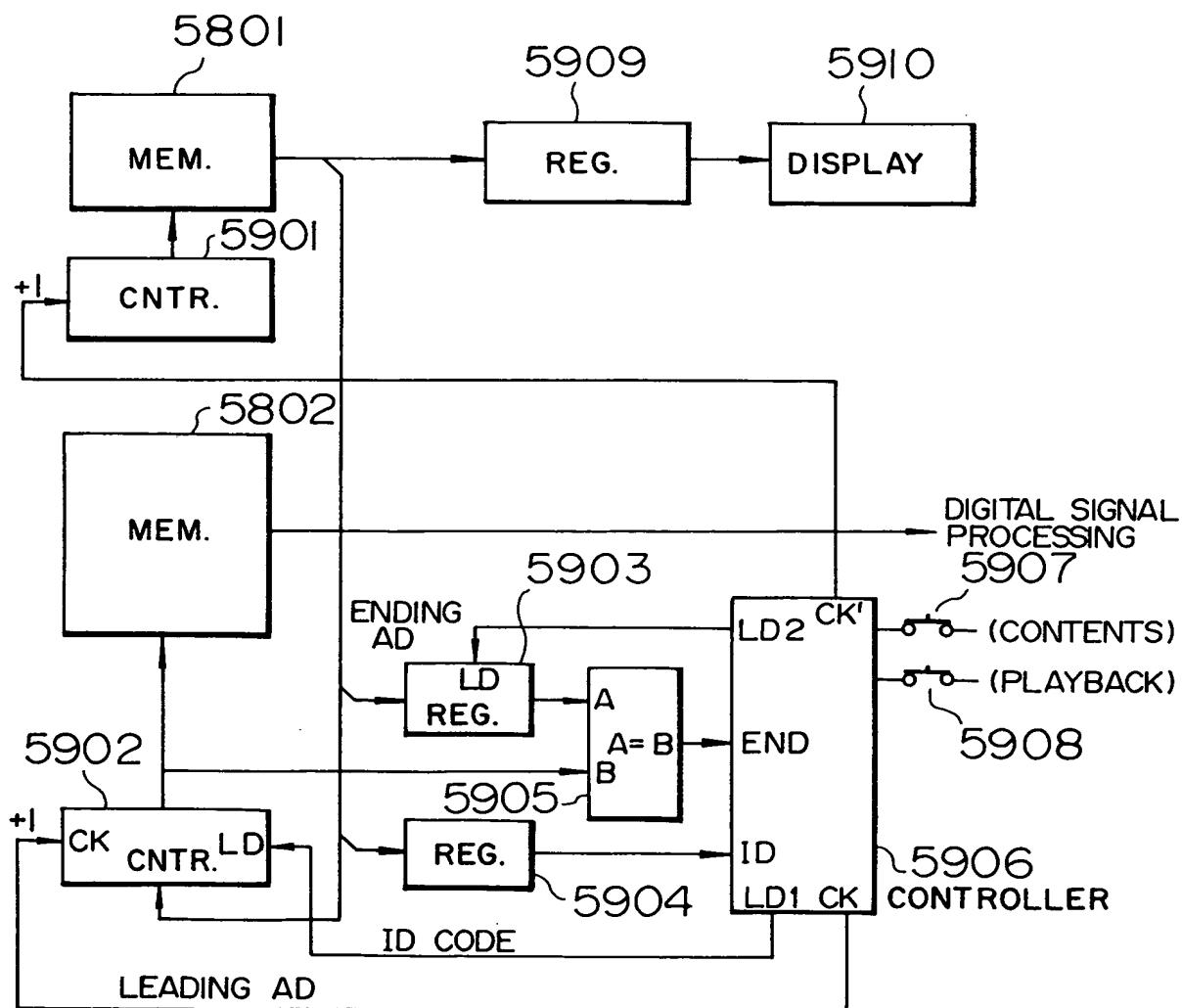
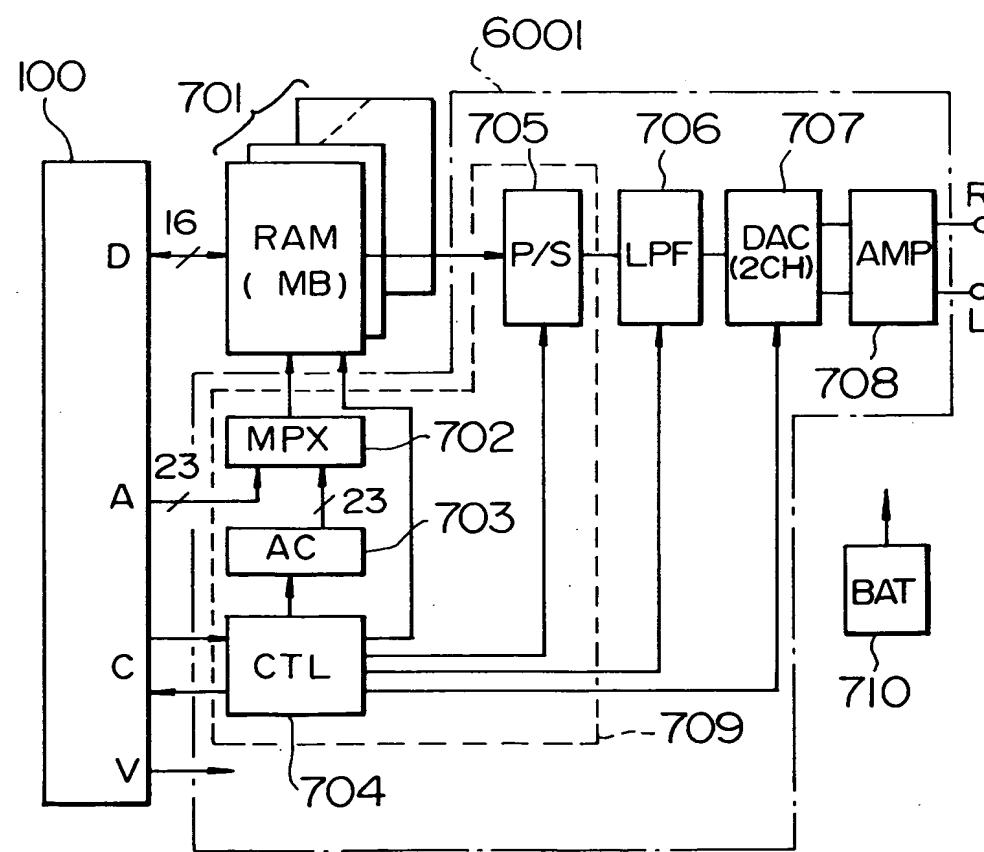


FIG. 60



09836368 063204

APPROVED	BY	CLASS	SUBCLASS
DRAFTSMAN			

FIG. 61

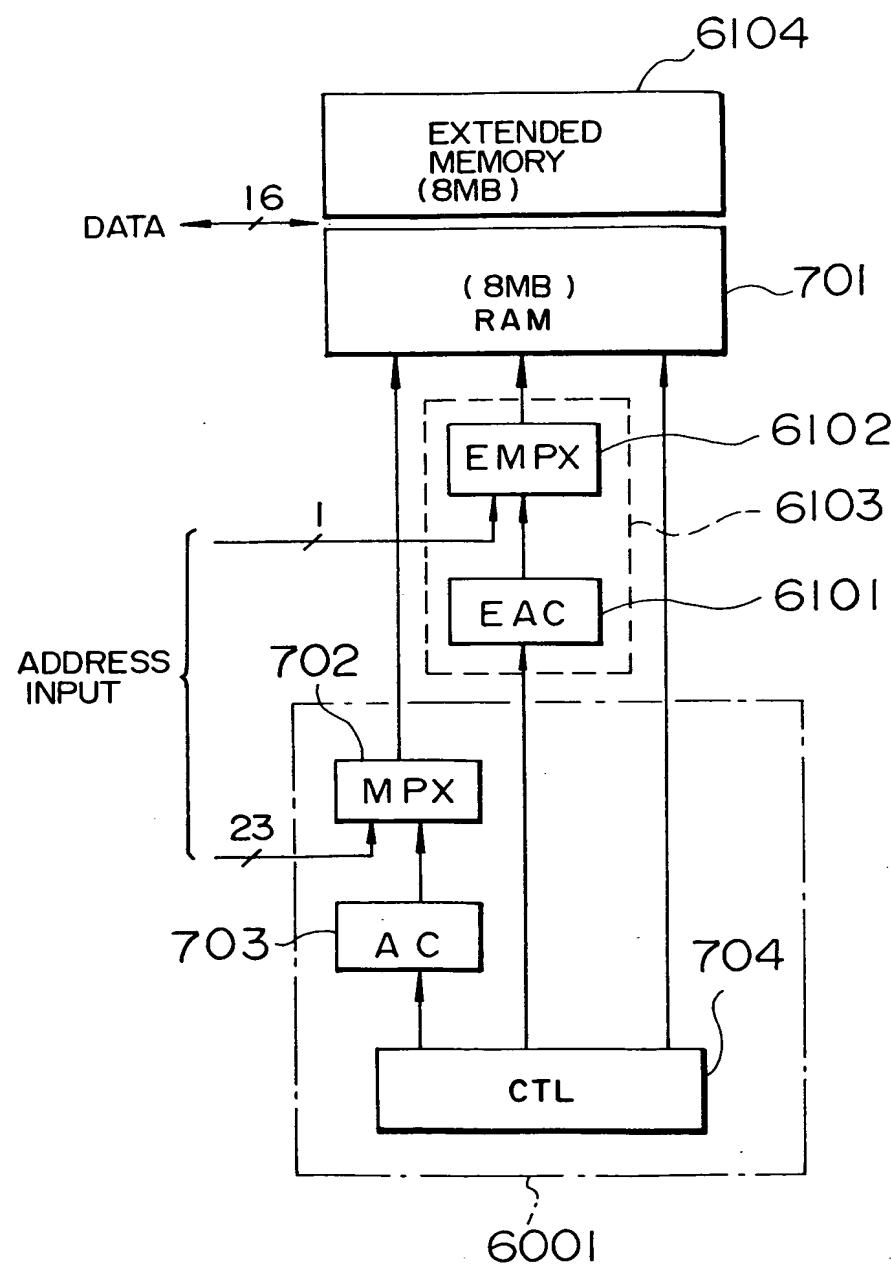
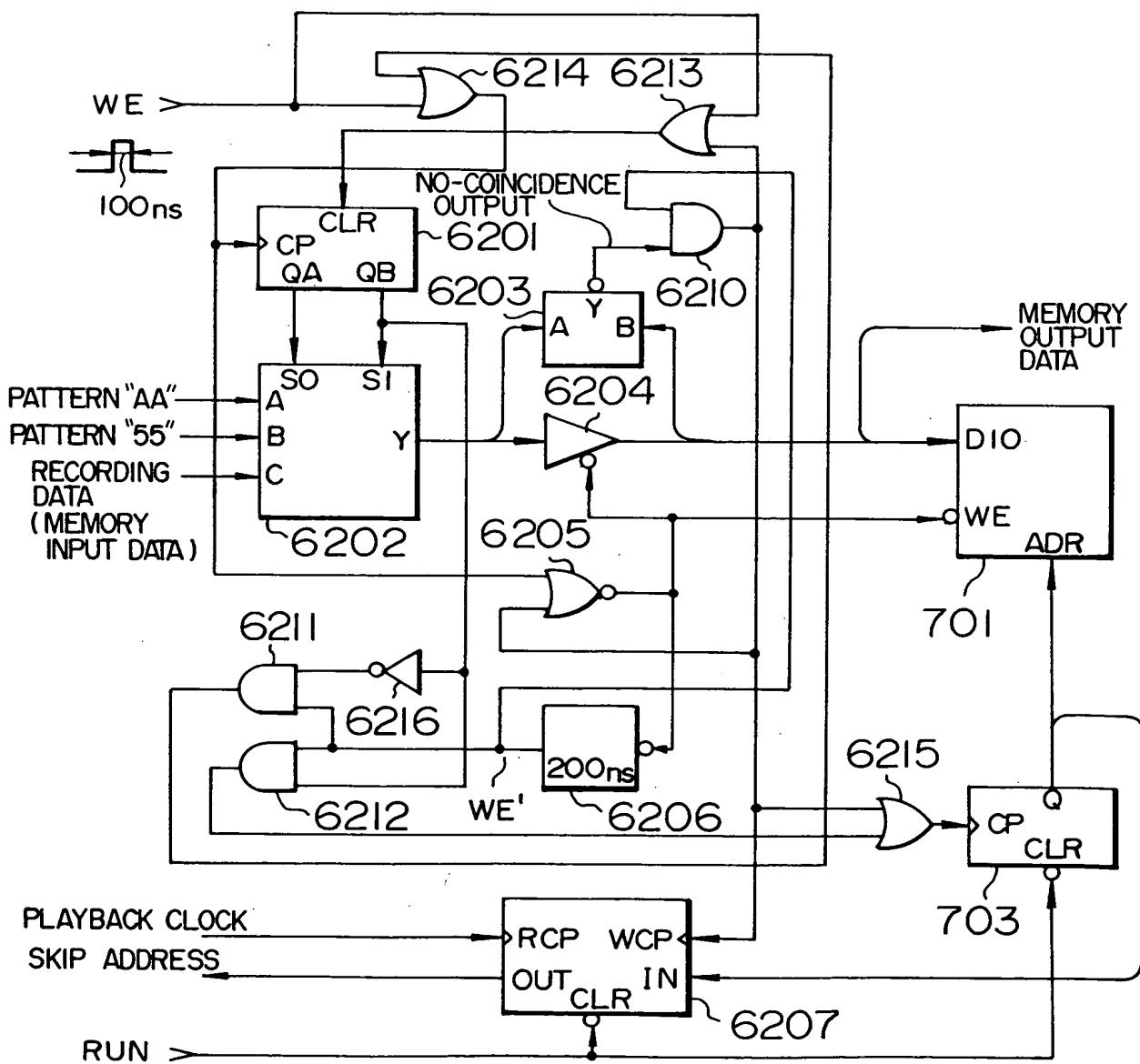


FIG. 62



Approved	By	CLASS	SUBCLASS
DRAFTSMAN			

FIG. 63

102230-323860

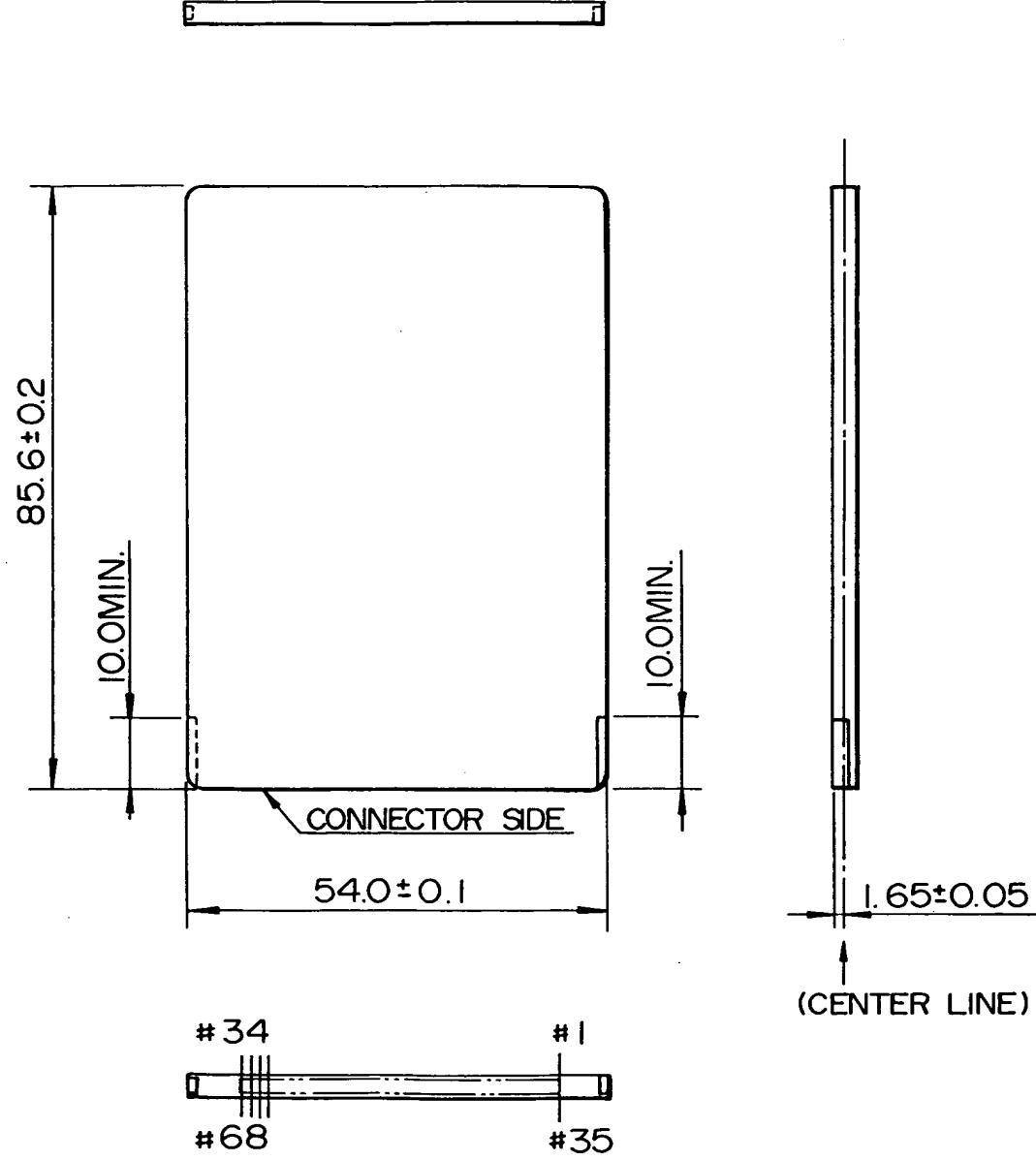
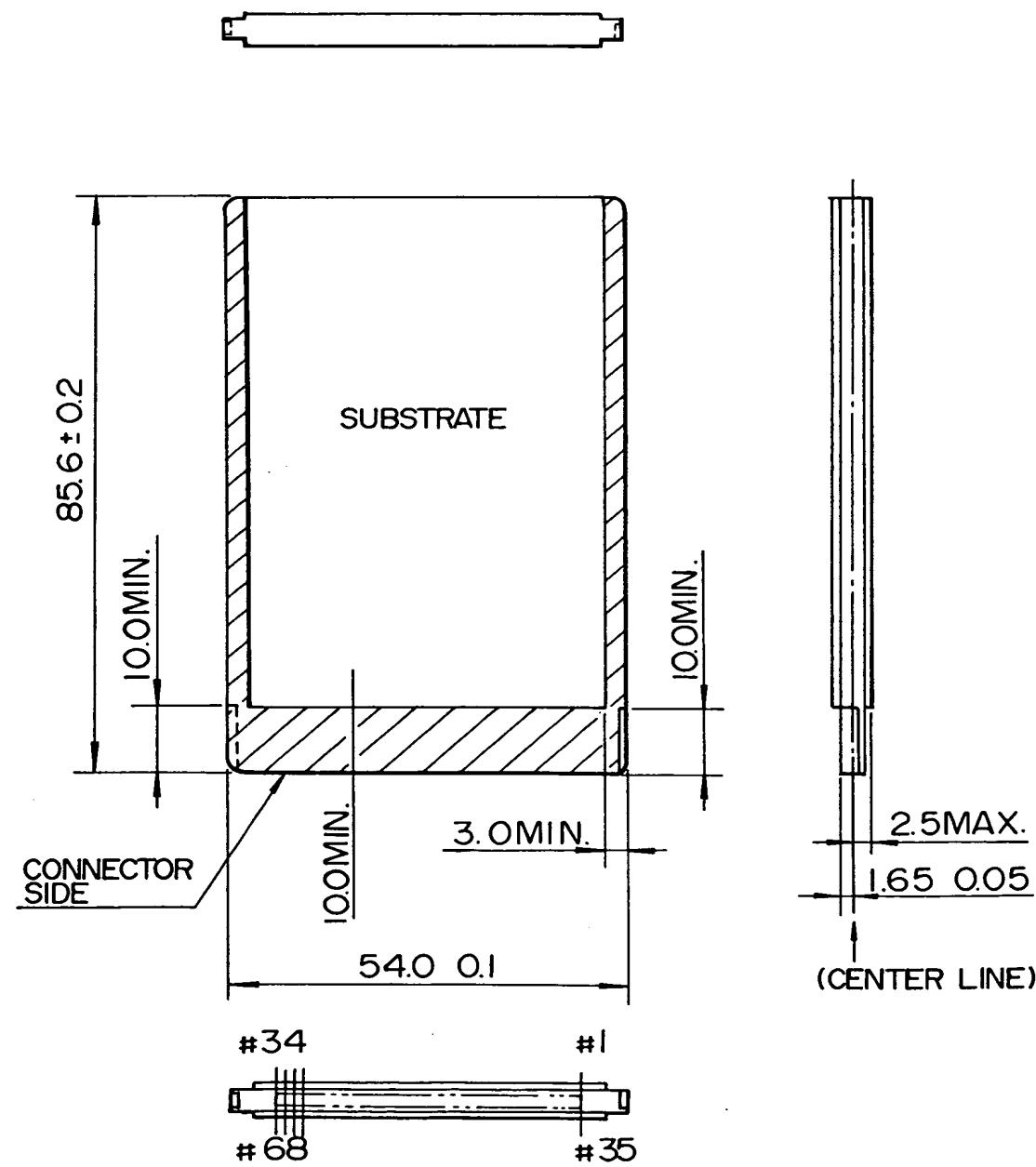


FIG. 64



APPROVED	BY	CLASS	SUBCLASS
DRAFTSMAN			

FIG.65

PIN	NAME	I/O	FUNCTION	PIN	NAME	I/O	FUNCTION
1	GND			35	GND		
2	D3	I/O		36	CD1	O	CARD DETECTION
3	D4	I/O		37	D11	I/O	
4	D5	I/O		38	D12	I/O	
5	D6	I/O		39	D13	I/O	
6	D7	I/O		40	D14	I/O	
7	CE1	I	CARD ENABLE	41	D15	I/O	
8	A10	I		42	CE2	I	CARD ENABLE
9	OE	I	OUTPUT ENABLE	43	RFSH	I	REFRESH (FOR PSRAM)
10	A11	I		44	RFU	NC	RESERVE
11	A9	I		45	RFU	NC	RESERVE
12	A8	I		46	A17	I	
13	A13	I		47	A18	I	
14	A14	I		48	A19	I	
15	WE/PGM	I	WRITE ENABLE	49	A20	I	
16	RDY/BSY	O	RDY BSY(EEPROM)	50	A21	I	
17	VCC			51	VCC		
18	VPP1		PROGRAM POWER (EVEN-NUMBERED BYTES)	52	VPP 2		PROGRAM POWER (ODD-NUMBERED BYTES)
19	A16	I		53	A22	I	
20	A15	I		54	A23	I	
21	A12	I		55	A24	I	
22	A7	I		56	A25	I	
23	A6	I		57	RFU	NC	RESERVE
24	A5	I		58	RFU	NC	RESERVE
25	A4	I		59	RFU	NC	RESERVE
26	A3	I		60	RFU	NC	RESERVE
27	A2	I		61	REG	I	ATTRIBUTE MEMORY SELECTION
28	A1	I		62	BVD2	O	BATTERY VOLTAGE DETECTION
29	A0	I		63	BVD1	O	
30	DO	I/O		64	D8	I/O	
31	D1	I/O		65	D9	I/O	
32	D2	I/O		66	D10	I/O	
33	WP	O	WRITE PROTECT	67	CD2	O	CARD DETECTION
34	GND			68	GND		

09886666-09886666

CLASS	CLASS SUBCLASS
DATA	DATA

FIG. 66

ITEM	SIGNAL	MEMORY CARD	SYSTEM	MEMORY CARD OUTPUT FORMAT
CONTROL SIGNAL	<u>$\overline{CE1}$</u> <u>$\overline{CE2}$</u> <u>REG</u>	PULL UP TO VCC $R \geq 10K\Omega$	—	—
	<u>OE</u> <u>WE/PGM</u>	PULL UP TO VCC OR NO RESISTANCE	—	—
	<u>RDY/BSY</u>	—	PULL UP	NOT DETERMINED
	<u>RFSH</u>	NC	—	—
ADDRESS	AO-A25	PULL DOWN TO GND OR NO RESISTANCE	—	—
DATA BUS	DO-D15	PULL DOWN TO GND OR NO RESISTANCE	—	THREE-STATE
CARD DETECTION	<u>CD1</u> <u>CD2</u>	CONNECT CARD GND	PULL UP	CONNECT TO GND IN MEMORY CARD
WRITE PROTECTION	WP	—	—	"H" OR "L"
BATTERY VOLTAGE DETECTION	<u>BVD1</u> <u>BVD2</u>	—	PULL UP	"H" OR "L"
RESERVE PIN	RFU	NC	NC	NC

FIG. 67

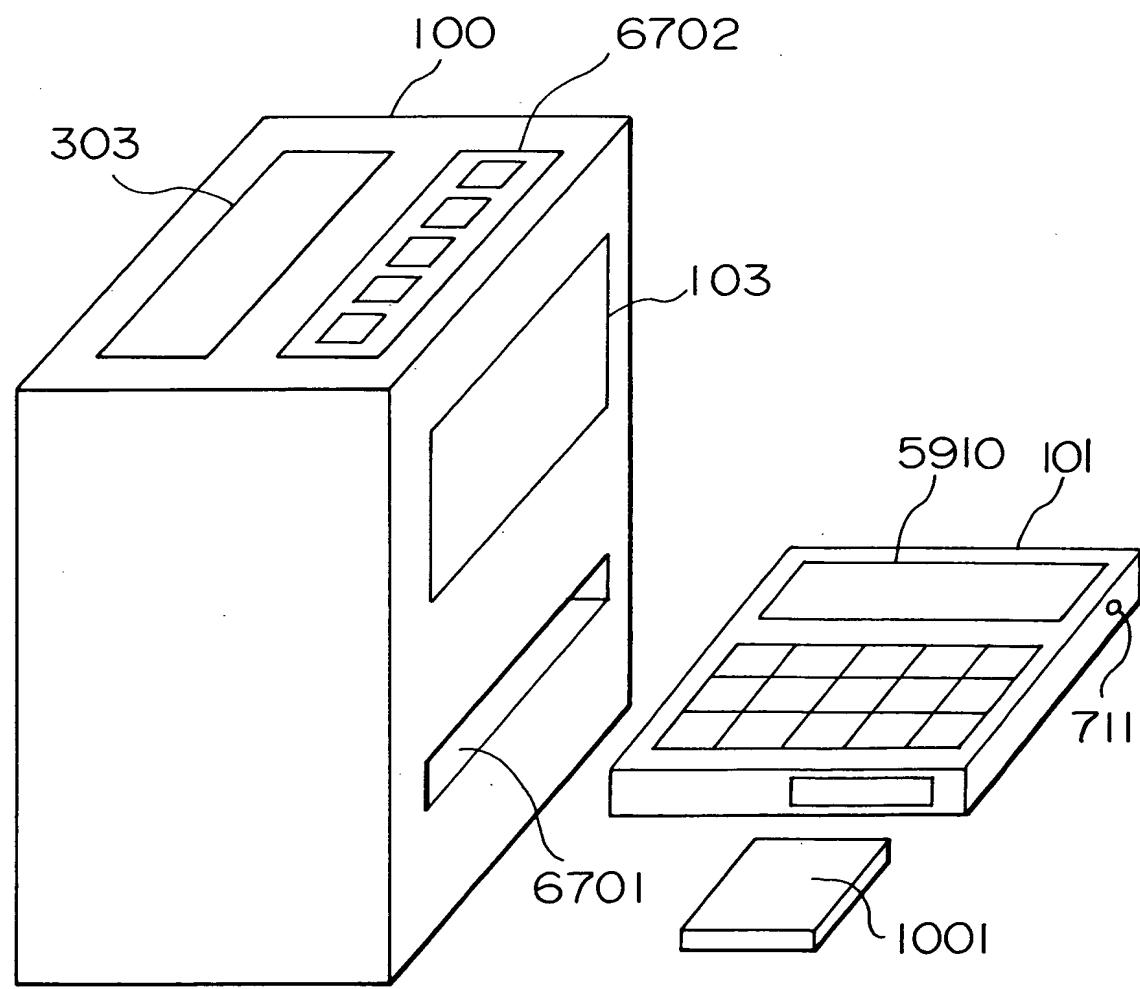


FIG. 68

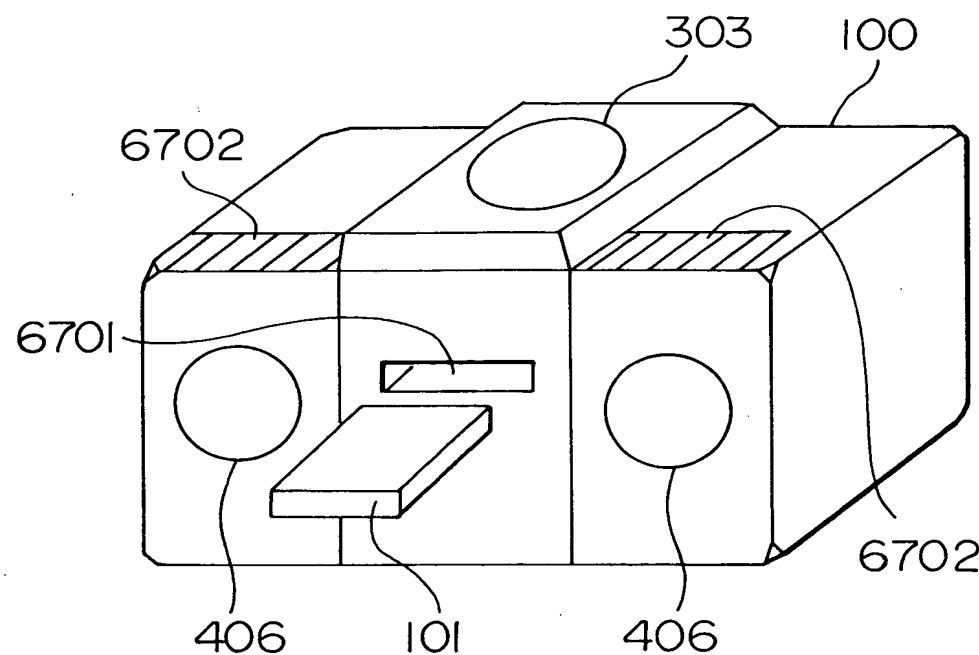


FIG. 69

